APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Principles of the Theory of Thermal Decomposition of Solid Fuels, by A. K. Mityurev, 51 pp.

RUSSIAN, pub, Trudy Vses Nauch Issled Inst po Pererabot Gluart, No 6, 1958, pp 266-293.

CIA/FDD K-4148

Sci - Fuels
Mar 60

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

[illegible] Catalytic Cracking of High-Boiling Light Petroleum Feed Stocks Over Natural Catalysts as a Possible Source of Raw Materials for the Manufacture of Lubricating Oils, by A. V. Agafonov, E. T. Aseyeva, M. N. A. Okinshevich, 18 pp.

RUSSIAN, per, Trudy Vses Nauch Issled Inst po Pererabotke Nefti i Gaza i Polucheniyu Iskusst Zhidkogo Topliva, Vol VIII, 1958, pp 181-202.

ATS-94L36R

Sep Mar 62

Chemistry and Technology of Combustible Shale and [illegible] Products of

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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Conversion of Solid Fuel To Gases for Power and Fuel or Synthesis Use, by V. A. Zhukov, S. L. Terekhov.

RUSSIAN, per, Trudy Vsesoyuz. Nauch-Issledovat. Inst. Pererabotka Stanlsev, No 7, 1959, pp 107-1&19.

Dept of Interior
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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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The Determination of Phenolic and Acid Hydroxyl in Shale Tars by High Frequency and Potentiometrictitration, by G. N. Skrynnikova, N. I. Matveyeva.

RUSSIAN, per, Trudy Vsesoyuznogo Nauch-Issled Inst po Pererabotke Slantsev, No 7, 1959, pp 282-293.

NLL RTS 1850

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Mar 62

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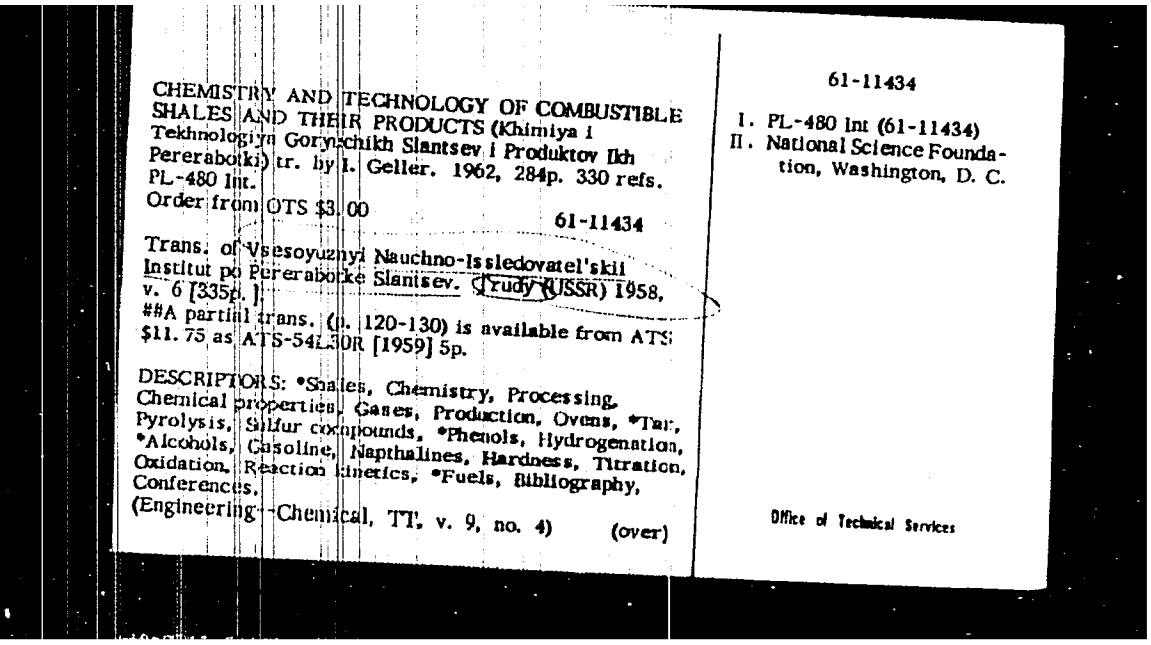

CHEMISTRY AND TECHNOLOGY OF COMBUSTIBLE SHALES AND THEIR PRODUCTS (Khimiya i Tekhnologiya Goryuchikh Slantsev i Produktov Ikh Pererabotki) tr. by I. Geller. 1962, 284p. 330 refs. PL-480 Int.
Order from OTS $3.00 61-11434

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii Institut po Pererabotke Slantsev. Trudy (USSR) 1958, v. 6 [335p.]
##A partial trans. (p. 120-130) is available from ATS $11.75 as ATS-54L30R [1959] 5p.

DESCRIPTORS: *Shales, Chemistry, Processing, Chemical properties, Gases, Production, Ovens, *Tar, Pyrolysis, Sulfur compounds, *Phenols, Hydrogenation, *Alcohols, Gasoline, Napthalines, Hardness, Titration, Oxidation, Reaction kinetics, *Fuels, Bibliography, Conferences.
(Engineering--Chemical, TT, v. 9, no. 4) (over)

61-11434

I. PL-480 Int (61-11434)
II. National Science Foundation, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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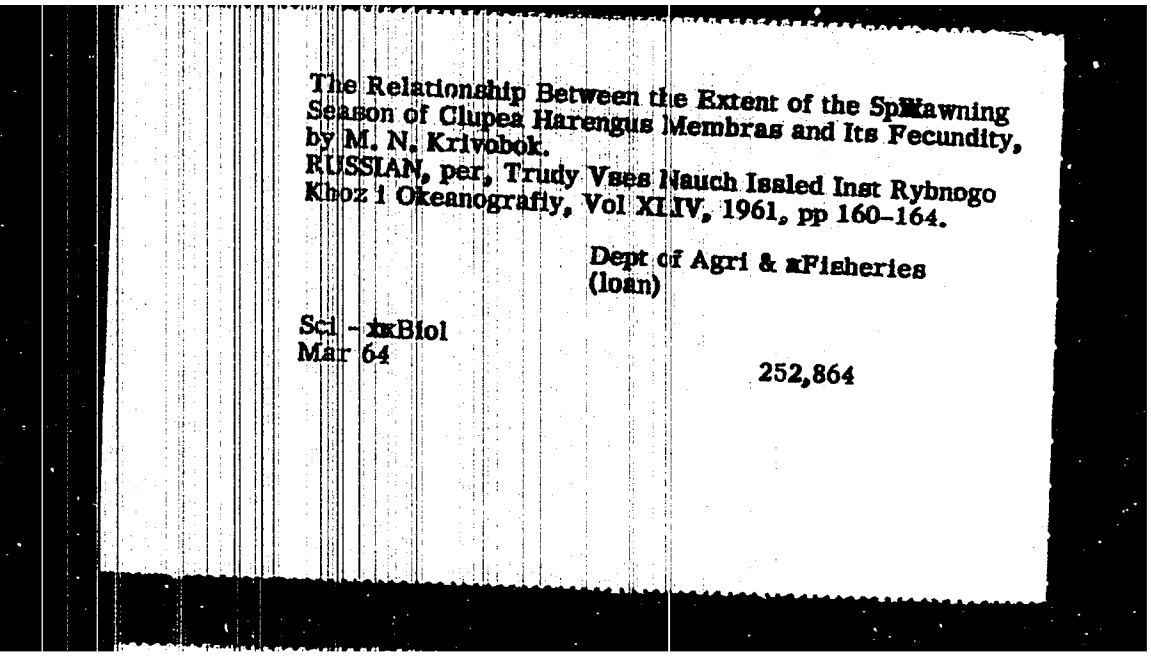

The Relationship Between the Extent of the Spawning Season of Clupea Harengus Membras and Its Fecundity, by M. N. Krivobok.
RUSSIAN, per, Trudy Vses Nauch Issled Inst Rybnogo Khoz i Okeanografiy, Vol XLIV, 1961, pp 160-164.

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(loan)

Sci - Biol
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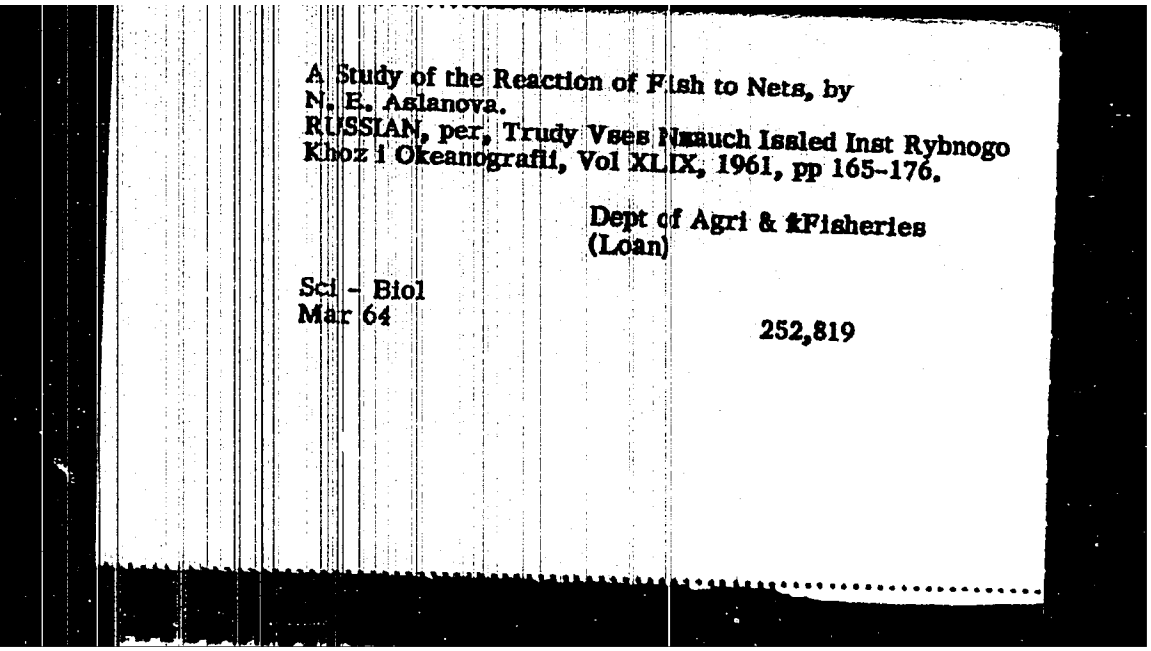

A Study of the Reaction of Fish to Nets, by
N. E. Aslanova.
RUSSIAN, per, Trudy Vses Nauch Issled Inst Rybnogo
Khoz i Okeanografii, Vol XLIX, 1961, pp 165-176.

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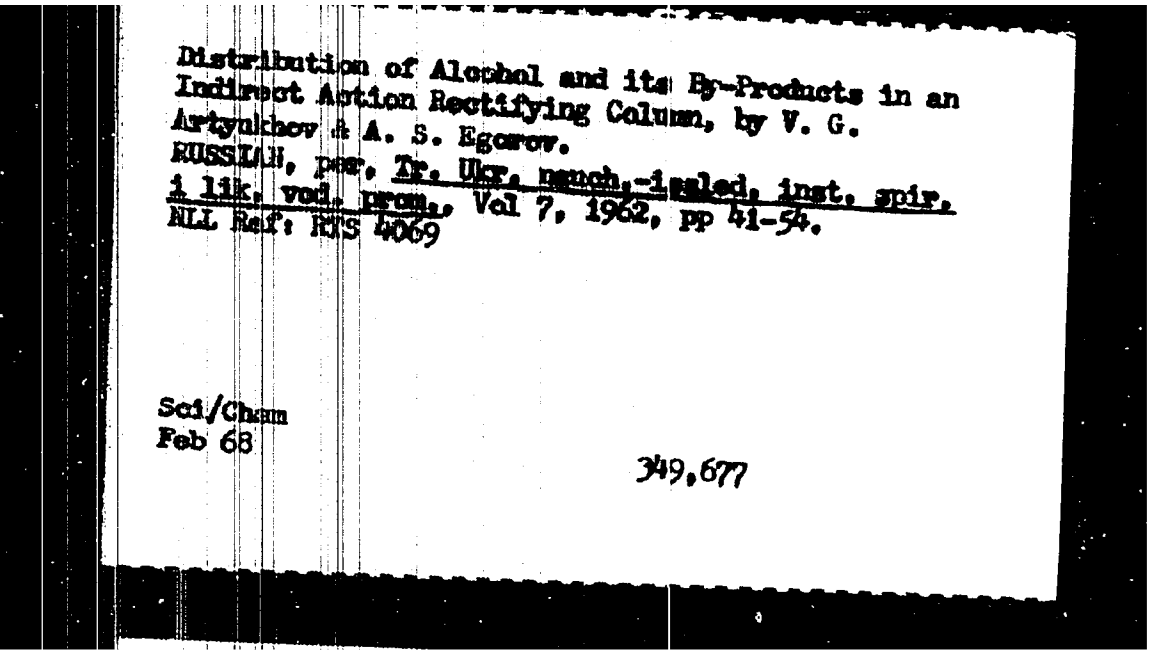
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7



Distribution of Alcohol and its By-Products in an Indirect Action Rectifying Column, by V. G. Artyukhov & A. S. Egorov.
RUSSIAN, Per. Tr. Ukr. nauch.-issled. inst. spir. i lik. vod. prom., Vol 7, 1962, pp 41-54.
NLL Ref: RTS 4069

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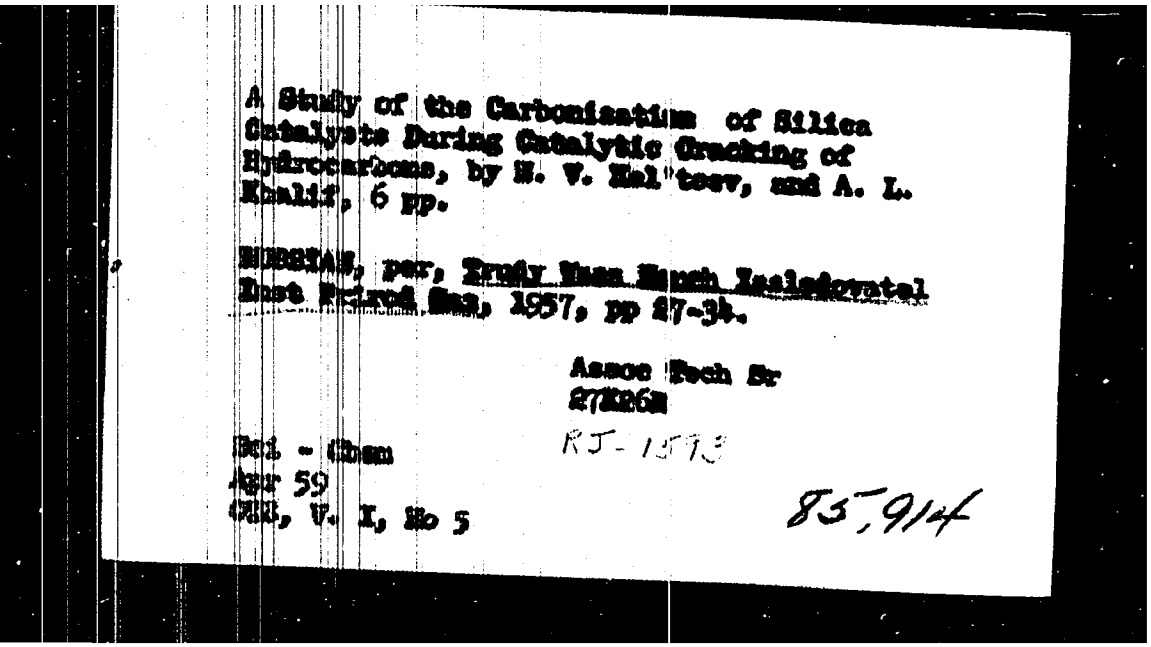

A Study of the Carbonization of Silica Catalysts During Catalytic Cracking of Hydrocarbons, by N. V. Kal'tsov, and A. L. Khalif, 6 pp.

[illegible], per, Trudy Vsesoyuz Nauch Issledovatel Inst Pererab Nefti, 1957, pp 27-34.

Assoc Tech Sr
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RJ-1573

Bel - Chem
Apr 59
VNII, V. I, No 5

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Recovery of Formaldehyde Vapors From Lean Gases At Low Temperatures, by A. K. Ivanov et al...

RUSSIAN, per, Trudy Vsesoyuz Nauch. Issledovatel. Inst. Prirod. Gazov, No 1, 1957, pp 132-138.

ATS-22M24R
RJ-1511

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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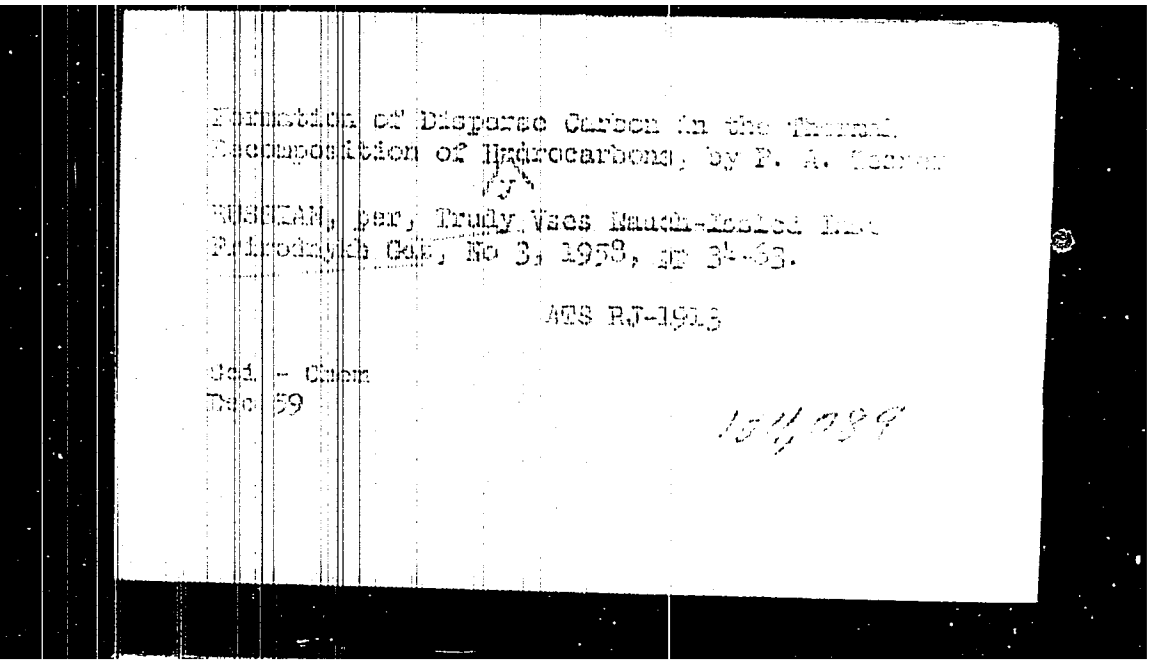

Formation of Disperse Carbon in the Thermal Decomposition of Hydrocarbons, by P. A. Teeva

RUSSIAN, per, Trudy Vses Nauch-Issled In-t Primeneniya Gaz, No 3, 1958, pp 34-63.

AEC RJ-1913

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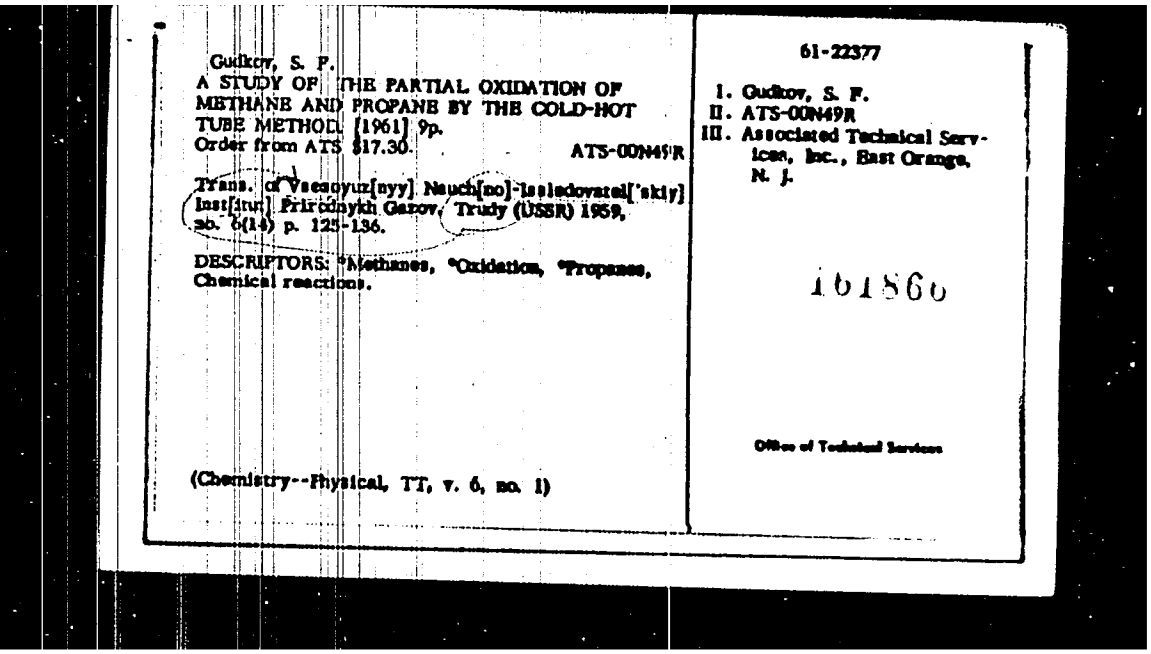

Gudkov, S. P.
A STUDY OF THE PARTIAL OXIDATION OF METHANE AND PROPANE BY THE COLD-HOT TUBE METHOD. [1961] 9p.
Order from ATS $17.30. ATS-00N49R

Trans. of Vsesoyuz[nyy] Nauch[no]-Issledovatel['skiy] Inst[itut] Prirodnykh Gazov, Trudy (USSR) 1959, sb. 6(14) p. 125-136.

DESCRIPTORS: *Methanes, *Oxidation, *Propanes, Chemical reactions.

(Chemistry--Physical, TT, v. 6, no. 1)

61-22377

I. Gudkov, S. F.
II. ATS-00N49R
III. Associated Technical Services, Inc., East Orange, N. J.

161860

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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Carbon Black Formation During the Thermal Decomposition of Diluted Hydrocarbon Mixtures, by P. A. Tesner, E. Ya. Robinovich, etal.
RUSSIAN, per, Trudy Vsesoyuznyi Nauchno-Issledovatelskii Institut Prirodnykh Gazov, No 12(20), 1961, pp 27-41.
SLA TT 64-30145

May 67 327,186

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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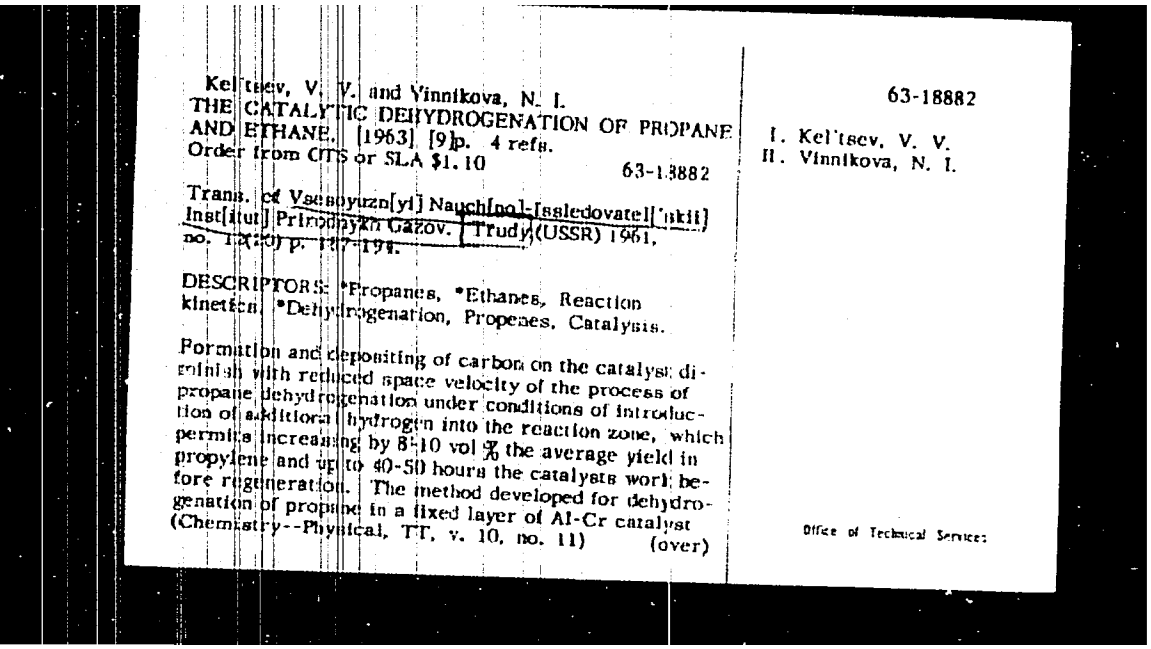

Kel'tsev, V. V. and Vinnikova, N. I.
THE CATALYTIC DEHYDROGENATION OF PROPANE AND ETHANE. [1963] [9]p. 4 refs.
Order from CITS or SLA $1.10 63-18882

Trans. of Vsesoyuzn[yi] Nauch[no]-[issledovate]['skii] Inst[itut] Primeneniya Gazov. Trudy (USSR) 1961, no. 1(2) p. 187-194.

DESCRIPTORS: *Propanes, *Ethanes, Reaction kinetics, *Dehydrogenation, Propenes, Catalysis.

Formation and depositing of carbon on the catalyst diminish with reduced space velocity of the process of propane dehydrogenation under conditions of introduction of additional hydrogen into the reaction zone, which permits increasing by 8-10 vol % the average yield in propylene and up to 40-50 hours the catalysts work before regeneration. The method developed for dehydrogenation of propane in a fixed layer of Al-Cr catalyst (Chemistry--Physical, TT, v. 10, no. 11) (over)

63-18882

I. Kel'tsev, V. V.
II. Vinnikova, N. I.

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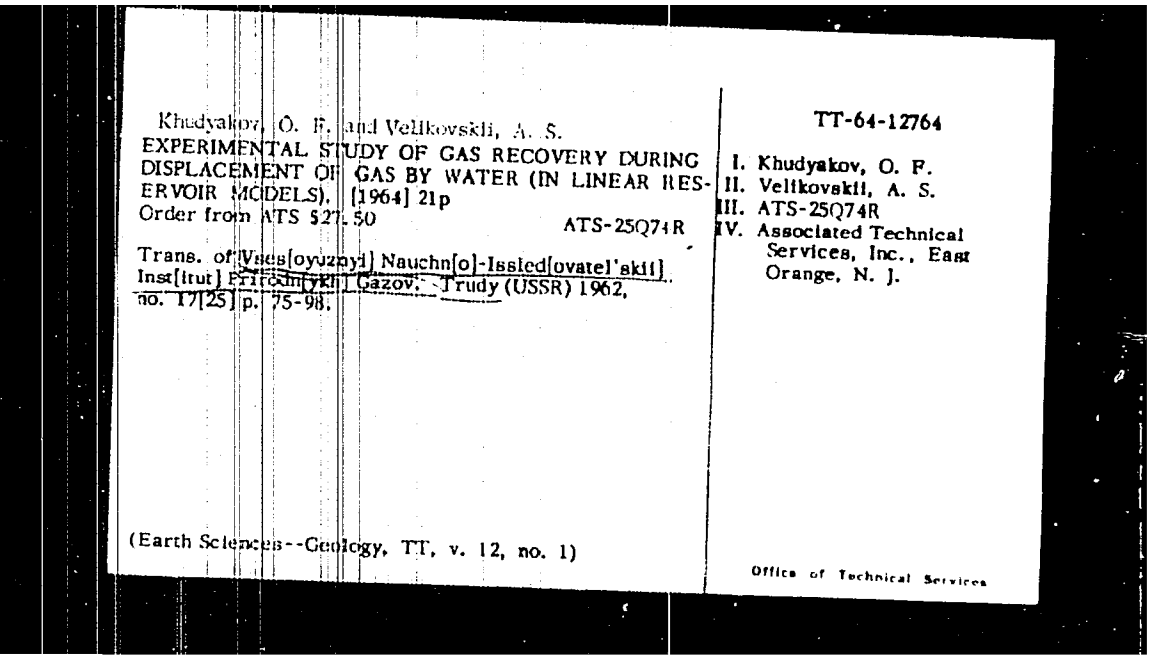
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7



Khudyakov, O. F. and Velikovskii, A. S.
EXPERIMENTAL STUDY OF GAS RECOVERY DURING DISPLACEMENT OF GAS BY WATER (IN LINEAR RESERVOIR MODELS). [1964] 21p
Order from ATS $27.50 ATS-25Q74R

Trans. of [Vses[oyuznyi] Nauchn[o]-Issled[ovatel'skii] Inst[itut] Prirodn[ykh] Gazov. Trudy (USSR) 1962, no. 17[25] p. 75-98.

(Earth Sciences--Geology, TT, v. 12, no. 1)

TT-64-12764

I. Khudyakov, O. F.
II. Velikovskii, A. S.
III. ATS-25Q74R
IV. Associated Technical Services, Inc., East Orange, N. J.

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The Possibility of Determining True Temperatures of Mineral-Forming Solutions, by N. P. Yermakov, V. A. Kalyuznyy, 6 pp.

RUSSIAN, per, Trudy Vses Nauch-Issledovatelsky Inst P'yezo-opticheskogo Mineralnogo Syrya (VNIIP), Issledovaniya Mineraloobrazuyushchikh Rastvorov, Vol I, No 2, 1957, pp 41-51.

Amer Geological Inst
Interntl Geology Review
Vol III, No 8

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Sep 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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The Microscpe for Visual Polythermal Investigations and for Macrophotography, by I.N. Anikin. RUSSIAN, per, Trudy Vsesoyuznyi Nauchno-Issledovatel'skiy Institut P'ezoopticheskogo Mineralnogo Sy'rya, Vol 3, No 2, 1960, pp 119-121. SLA TT-64-16378

Sci/B&M
Jul 66

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Dynamics of Pigment Content in Phytoplankton in Fish Ponds, by N. F. Lavrovskaya.
RUSSIAN, per, Trudy Vses Nauch-issled Prud Rybnogo Khoz, Vol 15, No 18, pp 196-205.
NLL Ref:9024.912 (1157)

Sci-R&M
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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

The Accumulation of Sugar in Various Forms and Stains of Beet and Prospects for a Further Increase in the Sugar Content of Sugarbeet, by A. S. Okanenko. RUSSIAN, per, Trudy Vses Nauchn Issled Inst Sakharnoy Svekly, Vol 35, 1957, pp 29-55.
*CFSTI TT 70-57117/6

Sci-B&M
Mar 70

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

The Sugar Content of the Roots of Sugar-beets, by A. Ye. Maksimovich.
RUSSIAN, per, Trudy Vses Nauchn Issled Inst Sakharnoy Svekly, Vol 35, 1957, pp 57-72.
*CFSTI TT 70-57117/5

Sci-E&M
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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Features of Growth and Cell Division in High-sugar and High-yield Sugar Beet Varieties, by S. Ye. Gomolyako. RUSSIAN, per, Trudy Vses Nauchn Issled Inst Sakharnoy Svekly, Vol 35, 1957, pp 87-95.
*CFSTI TT 70-57117/3

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Intake of Elements of Root Nutrition into Sugar Beet During the Initial Phases of Growth, by A. Ye. Maksimovich.
RUSSIAN, per, Trudy Vses Nauchn Issled Inst Sakharnoy Svekly, Vol 35, 1967, pp 145-149.
*CFSTI TT 70-57117/4

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Mar 70

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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The Structure of the Roots of Sugar Beets with Different Schedules of Mineral Nutrition, by T. A. Filatova.
RUSSIAN, per, Trudy Vses Nauchn Issled Inst Sakharnoy Svekly, Vol 35, 1957, pp 175-198.
*CFSTI TT 70-57117/2

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Mar 70

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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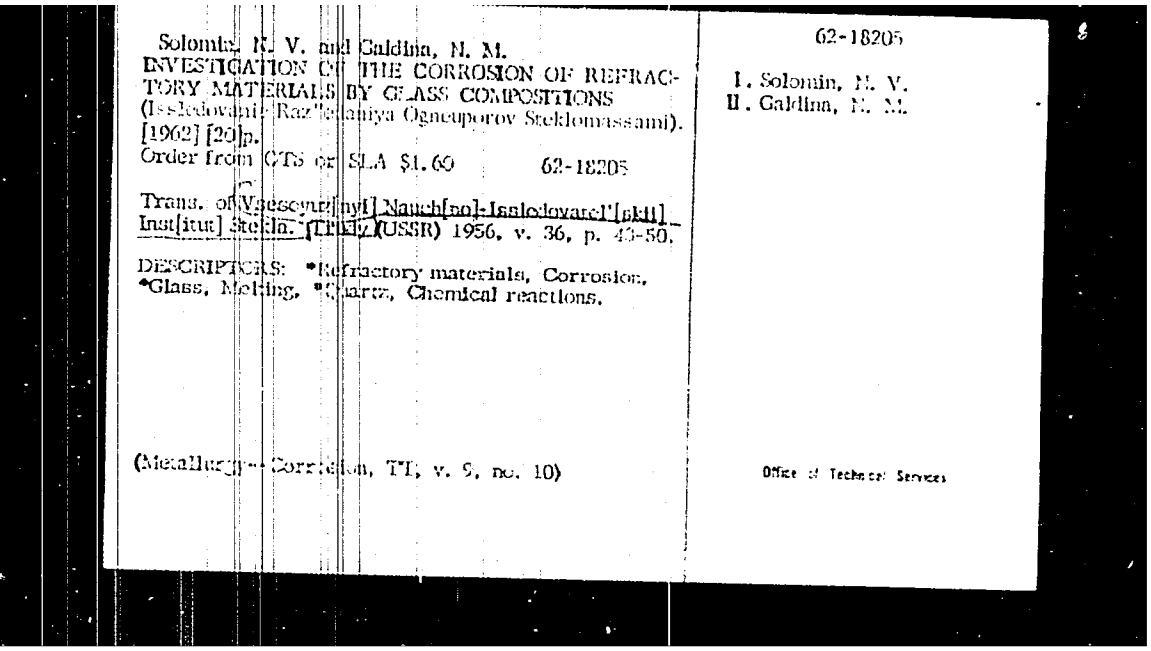

Solomin, N. V. and Galdina, N. M.
INVESTIGATION OF THE CORROSION OF REFRACTORY MATERIALS BY GLASS COMPOSITIONS (Issledovaniye Razrusheniya Ogneuporov Steklomassami). [1962] [20]p.
Order from CTS or SLA $1.60 62-18205

Trans. of Vsesoyuznyi [Nauch[no]-Issledovatel'[skii] Inst[itut] Stekla. [Trudy] (USSR) 1956, v. 36, p. 43-50.

DESCRIPTORS: *Refractory materials, Corrosion, *Glass, Melting, *Quartz, Chemical reactions.

(Metallurgy--Corrosion, TT, v. 9, no. 10)

62-18205

I. Solomin, N. V.
II. Galdina, N. M.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Zabrodskii, A. G. and Vitkovskaya, V. A.
AMINO ACID-SUGAR (MELANOIDIN) REACTION AND ITS ROLE IN CHEMISTRY AND TECHNOLOGY OF FOOD PRODUCTS. [1963] [28]p. 73refs.
Order from OTS or SLA $2.60 63-18401

Trans. of Vsesoyuz[nyi] Nauch[no]-Issled[ovatel'skii] Inst[itut] Spirt[ovoi] i Likero-Vodoch[noi] Prom[yshlennosti]. Kiev[skii] Filial. Trudy (USSR) 1958, v. 4, p. 57-73.

DESCRIPTORS: *Amino acids, *Carbohydrates, *Food, Chemical reactions, Oxidation-reduction reactions, Physical properties, Proteins,

The reaction of amino acids with sugars is discussed with reference to the production of melanoidines in food products. The following topics are included: chemical nature, components, and physical characteristics of the Maillard reaction. The effect of the reaction on the
(Chemistry - Organic, TT, v. 10, no. 12) (over)

63-18401

1. Title: Melanoidines
2. Title: Maillard reaction
I. Zabrodskii, A. G.
II. Vitkovskaya, V. A.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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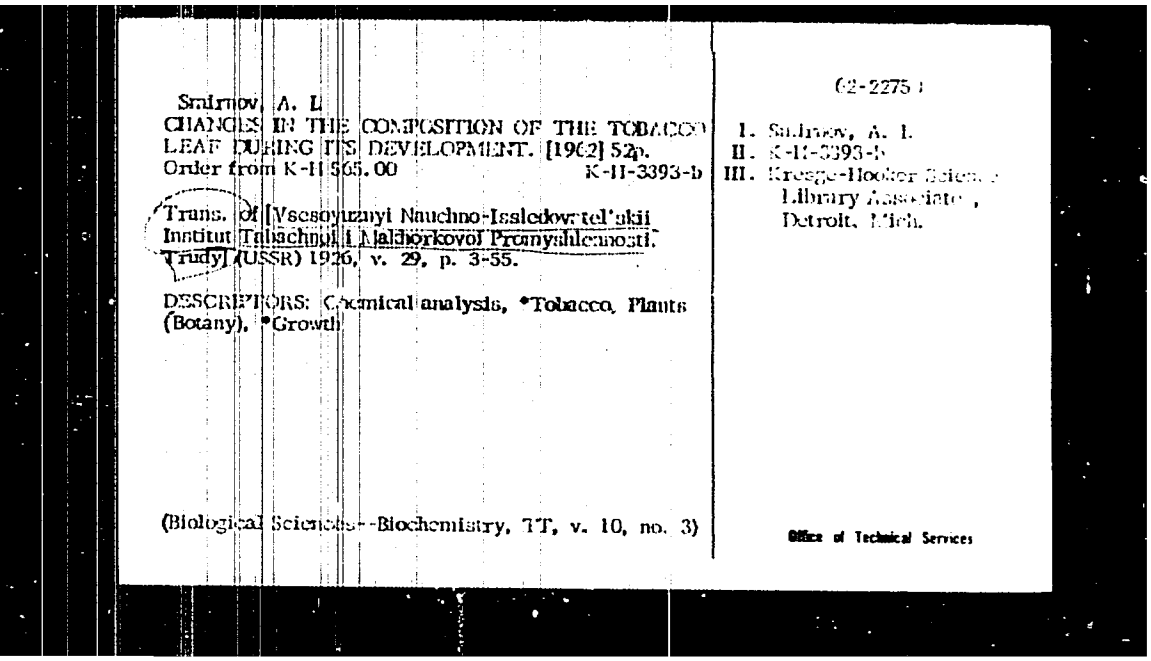

Smirnov, A. I.
CHANGES IN THE COMPOSITION OF THE TOBACCO LEAF DURING ITS DEVELOPMENT. [1962] 52p.
Order from K-11565.00 K-11-3393-b

Trans. of [Vsesoyuznyi Nauchno-Issledovatel'skii Institut Tabachnoi i Makhorkovoi Promyshlennosti. Trudy] (USSR) 1926, v. 29, p. 3-55.

DESCRIPTORS: Chemical analysis, *Tobacco, Plants (Botany), *Growth

(Biological Sciences--Biochemistry, TT, v. 10, no. 3)

62-22751

1. Smirnov, A. I.
II. K-11-3393-b
III. Kresge-Hooker Scient. Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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Smirnov, A. I., Brobglav, M. A., and Erygin, P. S.
AGE CHARACTERISTICS OF TOBACCO LEAVES.
[1962] 125p.
Order from K-11 S 56,25 K-11 3881-b

Trans. of [Vsesoyuznyi Nauchno-Issledovatel'skii Institut Tabachnoi i Makhorkovoi Promyshlennosti. Trudy] (USSR) 1923, v. 46, p. 1-49.

DESCRIPTORS: *Age, *Tobacco.

(Biological Sciences--Botany, 77 Г, v. 9, no. 5)

62-22753

I. Smirnov, A. I.
II. Brobglav, M. A.
III. Erygin, P. S.
IV. K-11-3881-b
V. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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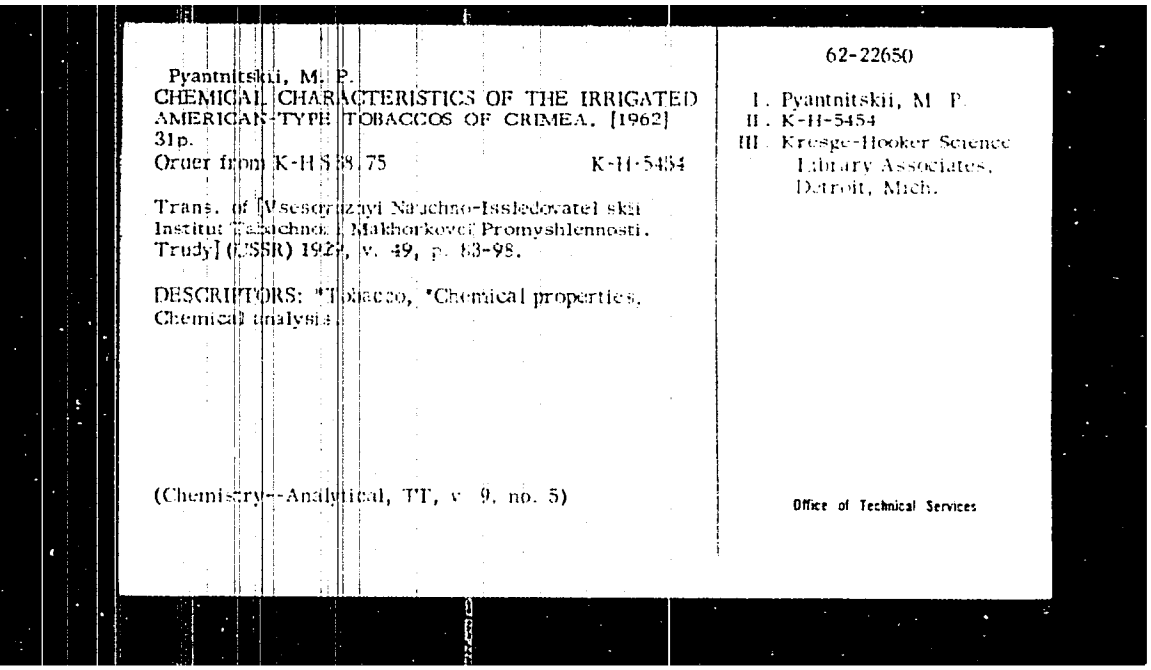

Pyantnitskii, M. P.
CHEMICAL CHARACTERISTICS OF THE IRRIGATED AMERICAN-TYPE TOBACCOS OF CRIMEA. [1962]
31p.
Order from K-H S8.75 K-H-5454

Trans. of [Vsesoyuznyi Nauchno-Issledovatel'skii Institut Tabachnoi Makhorkovoi Promyshlennosti. Trudy] (USSR) 1922, v. 49, p. 83-98.

DESCRIPTORS: *Tobacco, *Chemical properties, Chemical analysis.

(Chemistry--Analytical, TT, v. 9, no. 5)

62-22650

I. Pyantnitskii, M. P.
II. K-H-5454
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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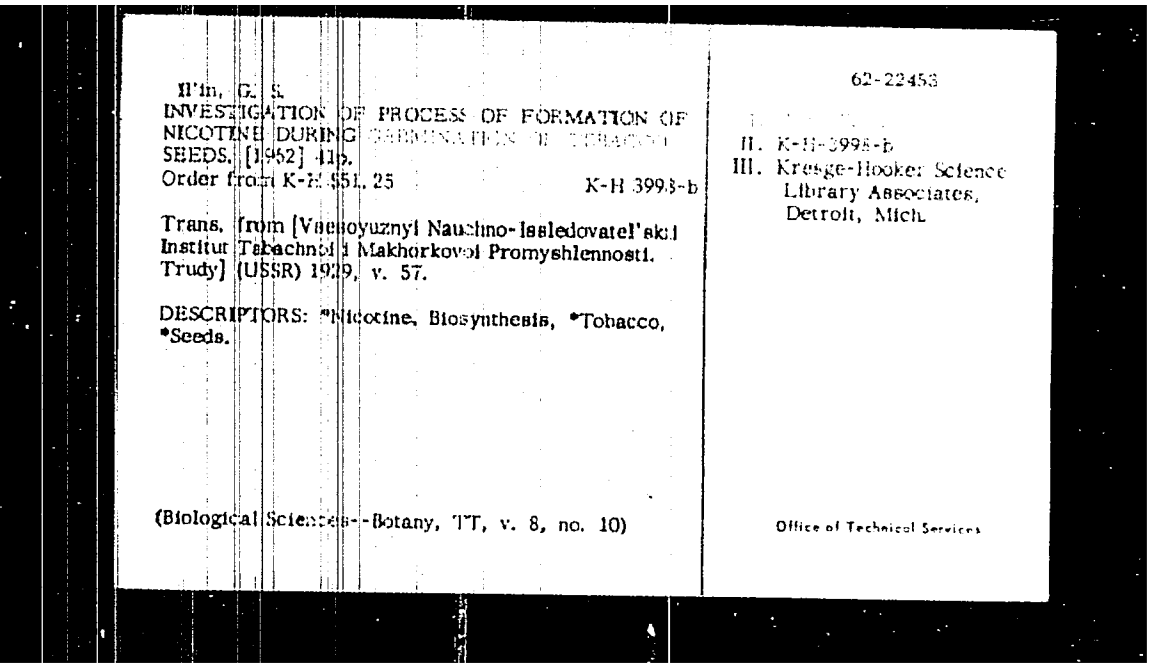

Il'in, G. S.
INVESTIGATION OF PROCESS OF FORMATION OF NICOTINE DURING GERMINATION OF TOBACCO SEEDS, [1952] 41p.
Order from K-H $5L. 25 K-H 3993-b

Trans. from [Vsesoyuznyi Nauchno-Issledovatel'skii Institut Tabachnoi i Makhorkovoi Promyshlennosti. Trudy] (USSR) 1929, v. 57.

DESCRIPTORS: *Nicotine, Biosynthesis, *Tobacco, *Seeds.

(Biological Sciences--Botany, TT, v. 8, no. 10)

62-22453

II. K-H-3993-b
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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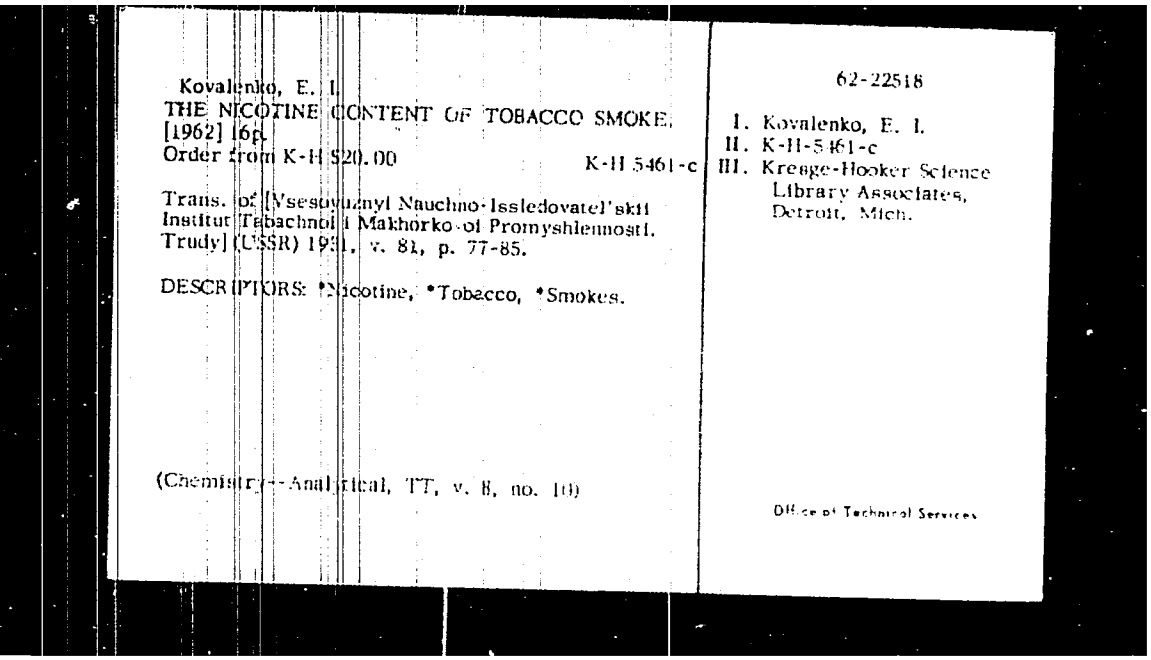

Kovalenko, E. I.
THE NICOTINE CONTENT OF TOBACCO SMOKE.
[1962] 16p.
Order from K-H $20.00 K-H 5461-c

Trans. of [Vsesoyuznyi Nauchno-Issledovatel'skii Institut Tabachnoi i Makhorko-oi Promyshlennosti. Trudy] (USSR) 1951, v. 81, p. 77-85.

DESCRIPTORS: *Nicotine, *Tobacco, *Smokes.

(Chemistry--Analytical, TT, v. 8, no. 10)

62-22518

I. Kovalenko, E. I.
II. K-H-5461-c
III. Kreuge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Zapol'skii, V. V.
QUANTITATIVE SEPARATION OF AMMONIA FROM NICOTINE. [1962] 0p.
Order from K-H $12.50 K-H-5461-g

Trans. of [Vsesoyuznyi Nauchno-Issledovatel'skii Institut Tabachnoi i Makhorkovoi Promyshlennosti. Trudy] (USSR) 1931, v. 81, p. 87-92.

DESCRIPTORS: Separation, Chemical analysis, *Nicotine, *Ammonia.

(Chemistry--Analytical, TT, v. 9, no. 5)

62-22892

I. Zapol'skii, V. V.
II. K-H-5461-g
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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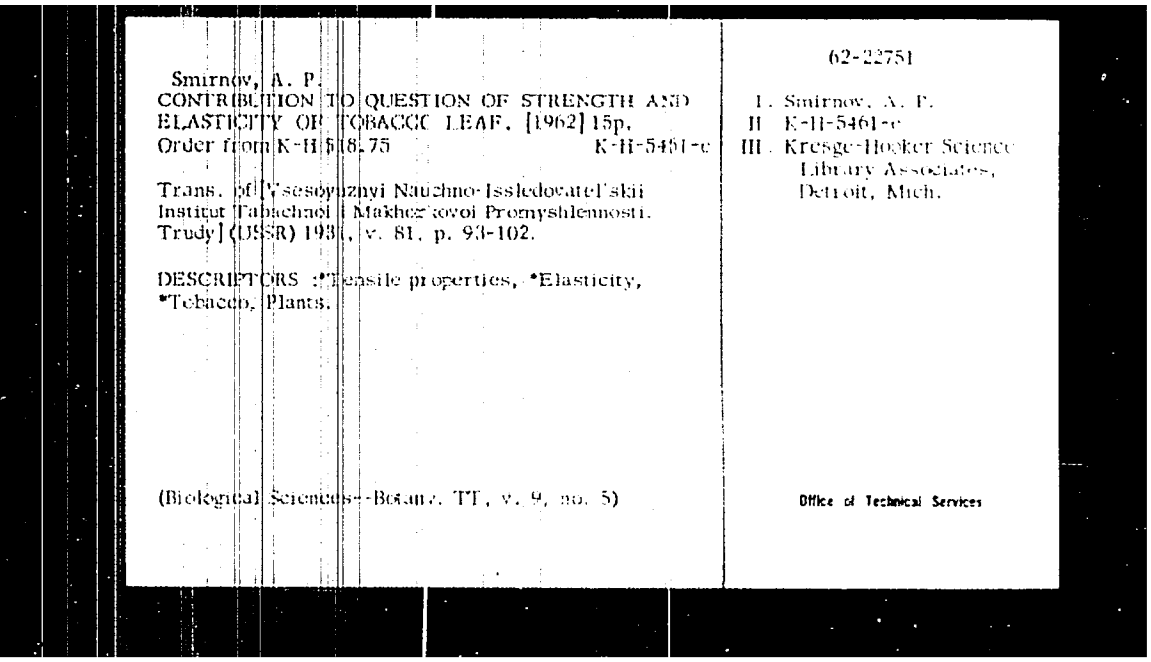

Smirnov, A. P.
CONTRIBUTION TO QUESTION OF STRENGTH AND ELASTICITY OF TOBACCO LEAF. [1962] 15p.
Order from K-H $ 8.75 K-H-5461-c

Trans. of [Vsesoyuznyi Nauchno-Issledovatel'skii Institut Tabachnoi i Makhorochnoi Promyshlennosti. Trudy] (USSR) 193(, v. 81, p. 93-102.

DESCRIPTORS :*Tensile properties, *Elasticity, *Tobacco, Plants.

(Biological Sciences--Botany, TT, v. 9, no. 5)

62-22751

I. Smirnov, A. P.
II K-H-5461-c
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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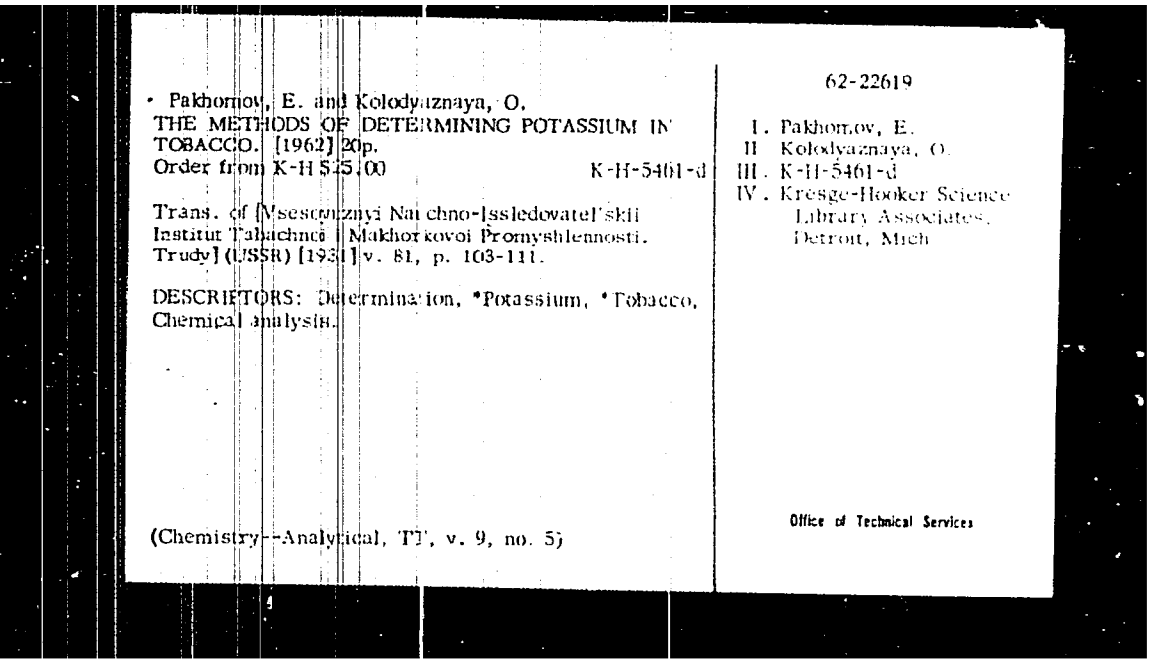

Pakhomov, E. and Kolodyaznaya, O.
THE METHODS OF DETERMINING POTASSIUM IN TOBACCO. [1962] 20p.
Order from K-H $2.5.00 K-H-5461-d

Trans. of [Vsesoyuznyi Nauchno-Issledovatel'skii Institut Tabachnoi i Makhorkovoi Promyshlennosti. Trudy] (USSR) [1931] v. 81, p. 103-111.

DESCRIETORS: Determination, *Potassium, *Tobacco, Chemical analysis.

(Chemistry--Analytical, TT, v. 9, no. 5)

62-22619

I. Pakhomov, E.
II Kolodyaznaya, O.
III. K-H-5461-d
IV. Kresge-Hooker Science Library Associates, Detroit, Mich

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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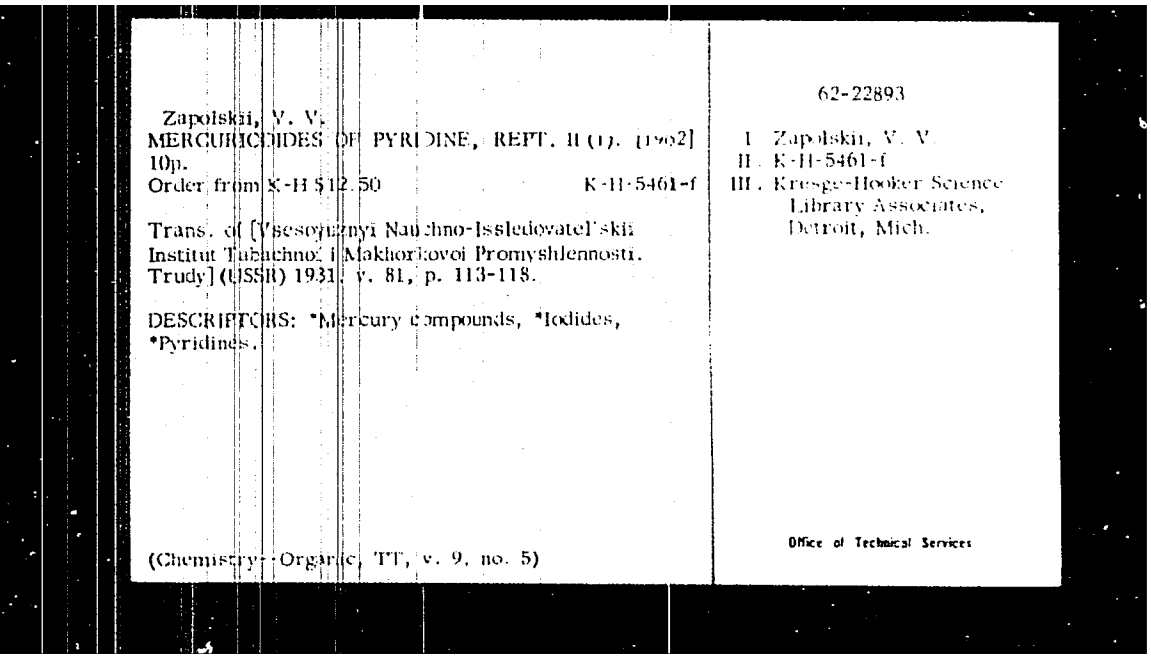

Zapolskii, V. V.
MERCURIC IODES OF PYRIDINE, REPT. II (1). [1962]
10p.
Order from K-H $12.50 K-H-5461-f

Trans. of [Vsesoyuznyi Nauchno-Issledovatel'skii Institut Tabachnoi i Makhorkovoi Promyshlennosti. Trudy] (USSR) 1931, v. 81, p. 113-118.

DESCRIPTORS: *Mercury compounds, *Iodides, *Pyridines.

(Chemistry--Organic, TT, v. 9, no. 5)

62-22893

I. Zapolskii, V. V.
II. K-H-5461-f
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Timoshenko, S. V.
AMOUNTS AND FREQUENCIES OF IRRIGATION FOR TOBACCO (Normy i Sroki Polivov Tabaka) tr. by Mrs. W. Adams. [1962] 10p.
Order from OTS as SLA $1.10 62-10920

Abridged trans. of [Vsesoyuznyi Nauchno-Issledovatel'skii Institut Tabachnoi i Makhorkovoi Promyshlennosti. Trudy] (USSR) 1935, v. 120, p. 71-99.

DESCRIPTORS: Plants, Tobacco, Irrigation systems.

(Unannounced)

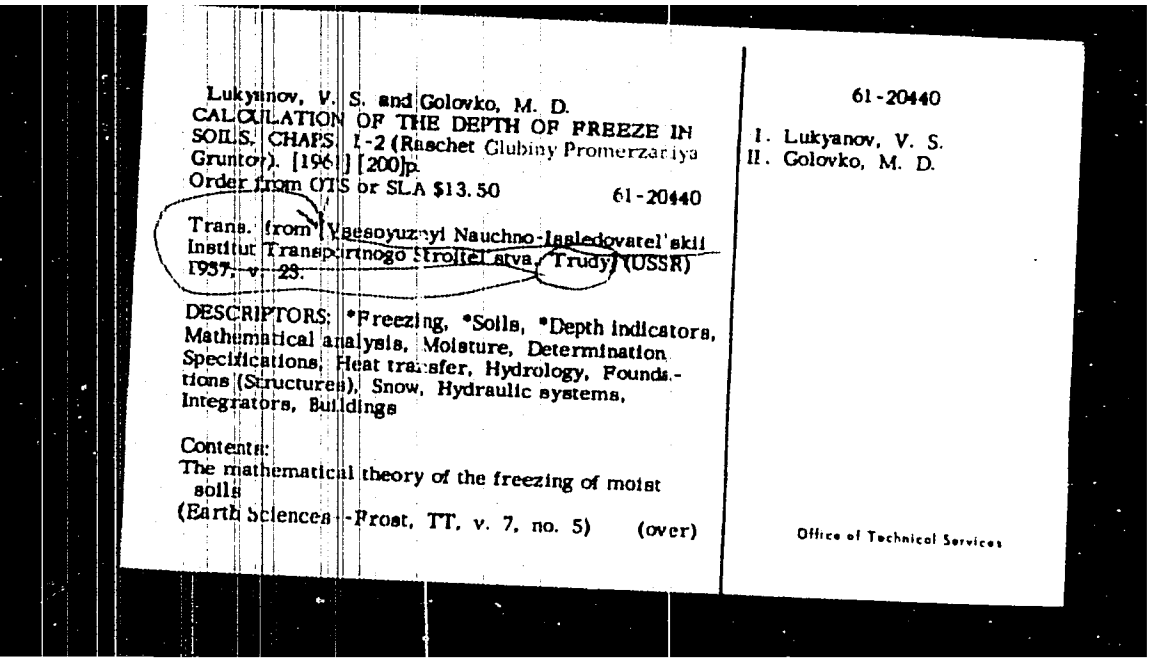
62-10920

I. Timoshenko, S. V.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7



Lukyanov, V. S. and Golovko, M. D.
CALCULATION OF THE DEPTH OF FREEZE IN SOILS. CHAPS. 1-2 (Raschet Glubiny Promerzaniya Gruntov). [196-] [200]p.
Order from OTS or SLA $13.50 61-20440

Trans. from Vsesoyuznyi Nauchno-Issledovatel'skii Institut Transportnogo Stroitel'stva, Trudy (USSR) 1937, v. 29.

DESCRIPTORS: *Freezing, *Soils, *Depth indicators, Mathematical analysis, Moisture, Determination, Specifications, Heat transfer, Hydrology, Foundations (Structures), Snow, Hydraulic systems, Integrators, Buildings

Contents:
The mathematical theory of the freezing of moist soils
(Earth Sciences--Frost, TT, v. 7, no. 5) (over)

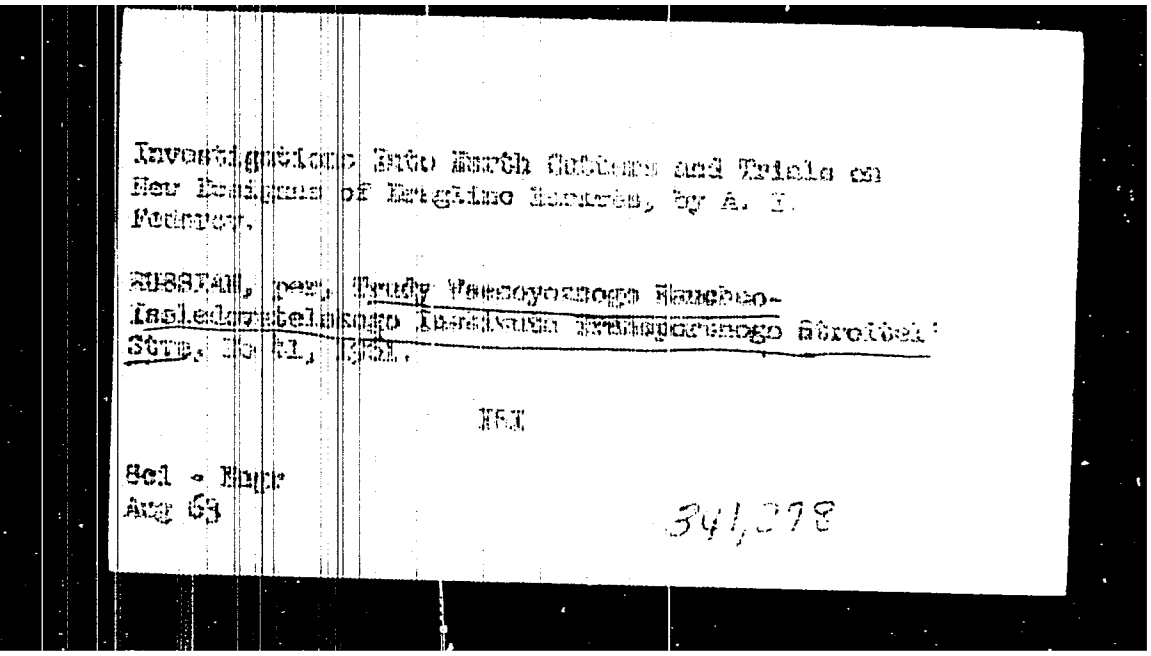
61-20440

I. Lukyanov, V. S.
II. Golovko, M. D.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7



Investigation into Earth Motions and Tilts on
New Territory of Kirgiz Steppes, by A. I.
Fedynsky.

AUSTRIA, per. Trudy Vsesoyuznogo Nauchno-
Issledovatelskogo Instituta Fizicheskogo Stroitel'
Stva, No 41, 1958.

EX

Sel - Engr
Aug 63

341,378

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Obtaining Moylbdenum Disilicide and Investigating Some of Its Properties, by I. S. Brokhin, I. S. Zolotarev, A. I. Baranov, [illegible].

RUSSIAN, per, Trudy Vsesoyuznyy Nauchno-Issledovatedskiy Institut Tverdynk Splavov, Tverdyye Splavy, No 2, 1960, pp 24-36.

FTD-TT-63-120

Sci - Min, Met
Jan 63

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Kirsanov, A. T.
MOBILITY OF K IN THE SOIL AS AFFECTED BY PLANTS AND FERTILIZERS (Izmenenie Podvizhnosti k v Pochve pod Vliyaniem Rastenii i Udobrenii) tr. by M. Slade. [1961] [38]p. (foreign text included).
[CSIRO] Trans. no. 4734.
Order from OTS or SLA $3.60 60-17775

Trans. of [Vsesoyuznyi Nauchno-Issledovatel'skii] Inst[itut Udobrenii, Agrotekhniki i Agropochvedeniya, Moscow]. Leningrad Otdelenie]. Trudy (USSR) 1936, v. 45, p. 67-84.

DESCRIPTORS: Soils, *Potassium, *Fertilizers, Plants, Calcium compounds, Nitrogen compounds, Phosphorous compounds

Potassium introduced without other fertilizers remains almost unused by the plant, and 60 to 80% of it is con-
(Agriculture, TT, v. 7, no. 4) (over)

60-17775

I. Kirsanov, A. T.
II. CSIRO-4734
III. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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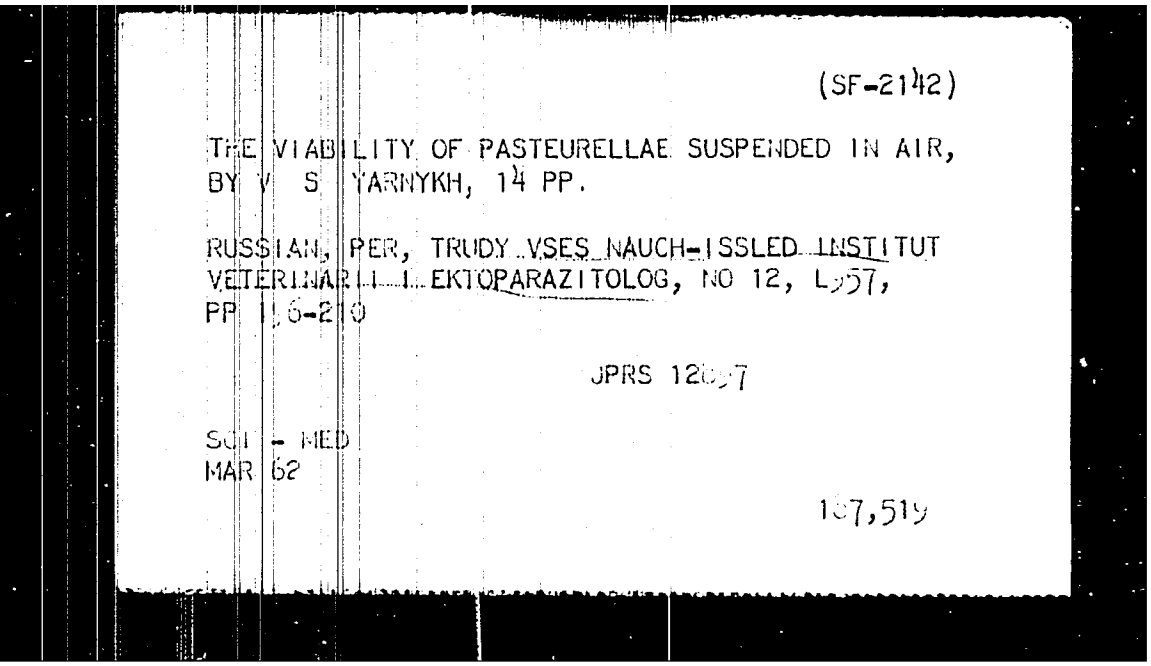


(SF-2142)

THE VIABILITY OF PASTEURELLAE SUSPENDED IN AIR, BY V S YARNYKH, 14 PP.

RUSSIAN, PER, TRUDY VSES NAUCH-ISSLED INSTITUT VETERINARII I EKTOPARAZITOLOG, NO 12, L957, PP 156-210

JPRS 12057

SOV - MED
MAR 62

187,519

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Seasonal Dynamics of Cattle Demodecosis and Experiments in the Treatment of This Invasion, by D. K. Polyakov.

RUSSIAN, per, Trudy Vsesoyuznyi Nauch-Issled Inst Veterinarnoi Sanitarii i Ektoparazitologii, Vol XIII, 1958, pp 107-116.

OTS 61-27444

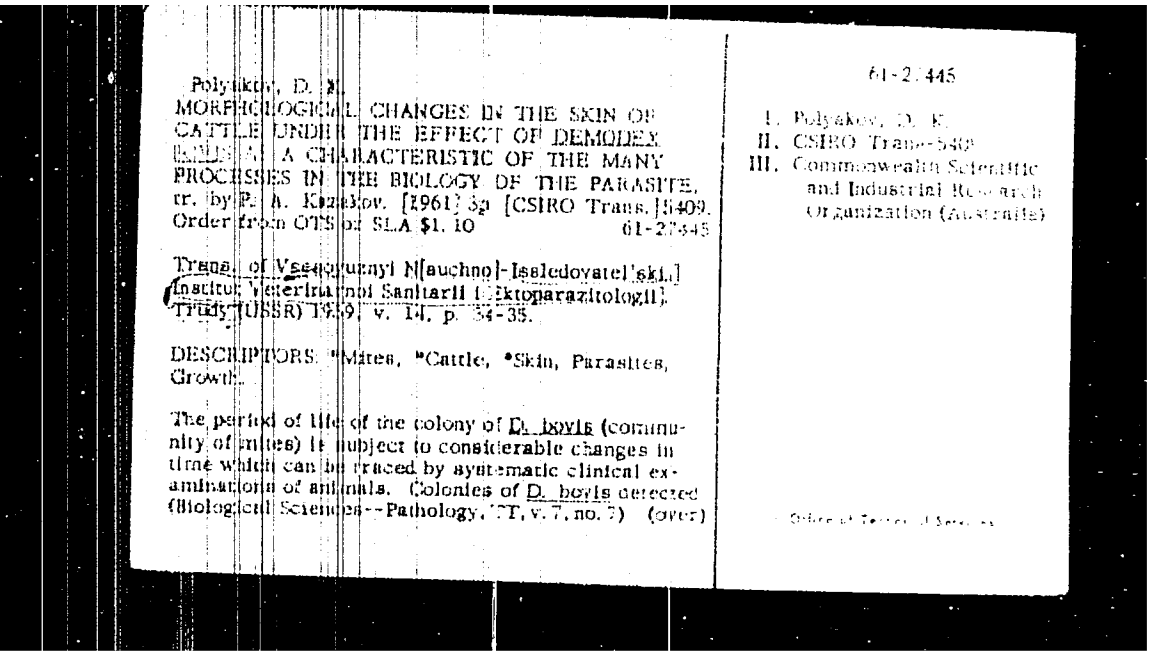
Bel
Mar 62

189,556

Vol VIII, No 2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7



Polyakov, D. K.
MORPHOLOGICAL CHANGES IN THE SKIN OF CATTLE UNDER THE EFFECT OF DEMODEX [MITE] A CHARACTERISTIC OF THE MANY PROCESSES IN THE BIOLOGY OF THE PARASITE, tr. by P. A. Kozakov. [1961] 3p [CSIRO Trans.] 5409. Order from OTS or SLA $1.10 61-27445

Trans. of Vsesoyuznyi N[auchno]-Issledovatel'skii Institut Veterinarnoi Sanitarii [Ektoparazitologii] Trudy [USSR] 1959, v. 14, p. 34-35.

DESCRIPTORS: *Mites, *Cattle, *Skin, Parasites, Growth.

The period of life of the colony of D. bovis (community of mites) is subject to considerable changes in time which can be traced by systematic clinical examinations of animals. Colonies of D. bovis detected (Biological Sciences--Pathology, TT, v. 7, no. 2) (over)

61-27445

I. Polyakov, D. K.
II. CSIRO Trans--5409
III. Commonwealth Scientific and Industrial Research Organization (Australia)

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

About Pathogenesis and Pathoanatomic Changes in Case of Demodecosis in Cattle, by M. V. Krotova.
RUSSIAN, per, Trudy Vsesoiuznyi Nauchno-Issledovatelskiy Institut Veterinarnoy Sanitariy, Vol 15, 1959, pp 26-37.
*NTIS TT 71-51022

Dec 71

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

(NT-6519)

Decontamination of Fodder Contaminated With the Anthrax Pathogen, by Ye. Sh. Akopyan, 10 pp.

RUSSIAN, per, Trudy Vsesoyuznogo Nauch-Issled Institt Veterinarnoy Sanitatsii, Vol XV, No 15, 1959, pp 204-212.

JPRS 9562

158,639

Sci - Med

Jul 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

The Vitaminization of Margarine, by V. M. Yosikova, et al.

RUSSIAN, per, Trudy Vses Nauch Issledovatel Vitamin Inst, Vol IV, 1953, pp 211-215.

Assoc Tech Sv RJ-504
$8.75

Sci - Chemistry
Jan 57 CTS

42, 316

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Determining Pore Pressure in Slightly Permeable Soils in the Body of a Dam During the Process of Their Consolidation, by A. A. Nichiporovich.
RUSSIAN, per, Vsesoyuznyi Nauchno-Issledovatelskii. Institut Vodosnabzheniya Kanalizatsii Gidrotekhnicheskikh Sooruzhenii i Inzhenernoi Gidrogeologii. Laboratoriya Gidrotekhnicheskikh Sooruzhenii. Trudy, No 4, 1963, pp 5-37.
NTC 72-10246-13M

Apr 72

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

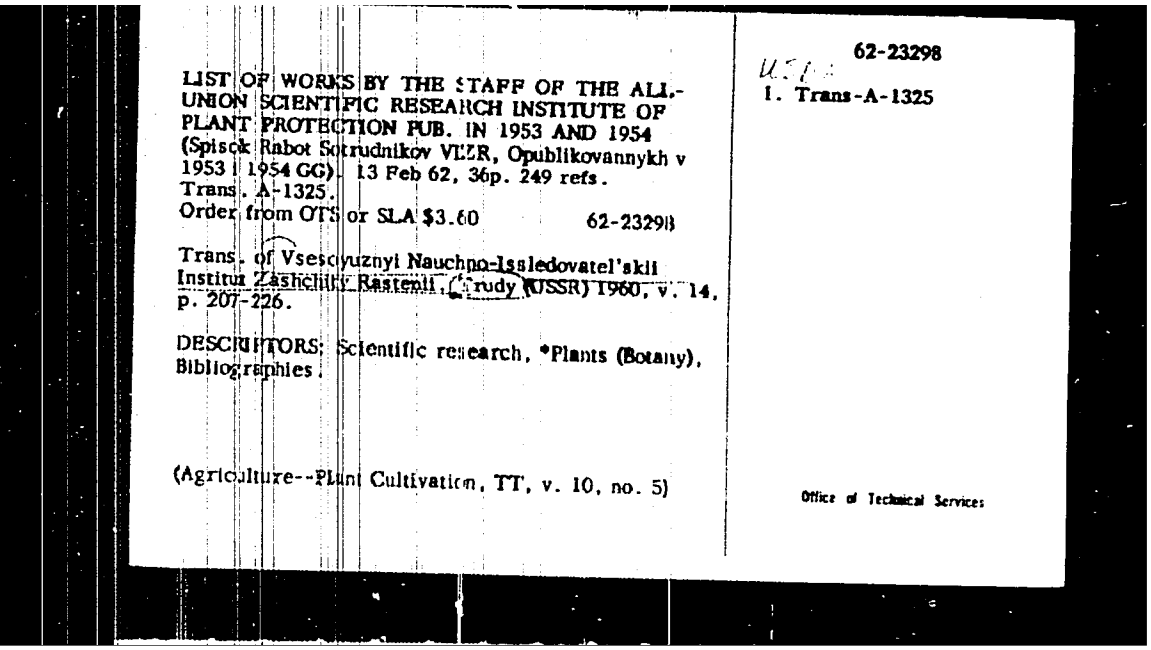
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Some Problems of Field Studies on High Rock-Fill Dams, by Yu. I. Svateev. RUSSIAN, per, Vsesoyuznyi Nauchno-Issledovatelskii Institut Vodosnabzheniya Kanalizatsii Gidrotekhnicheskikh Sooruzhenii i Inzhenernoi Gidrologii. Laboratoriya Gidrotekhnicheskikh Sooruzhenii. Trudy, No 4, 1963, pp 77-83. NTC 72-10251-13M

Apr 72

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7



62-23298

USDA

1. Trans-A-1325

LIST OF WORKS BY THE STAFF OF THE ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PLANT PROTECTION PUB. IN 1953 AND 1954 (Spisok Rabot Sotrudnikov VIZR, Opublikovannykh v 1953 i 1954 GG). 13 Feb 62, 36p. 249 refs. Trans. A-1325.
Order from OTS or SLA $3.60 62-23298

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii Institut Zashchity Rastenii, Trudy (USSR) 1960, v. 14, p. 207-226.

DESCRIPTORS: Scientific research, *Plants (Botany), Bibliographies.

(Agriculture--Plant Cultivation, TT, v. 10, no. 5)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

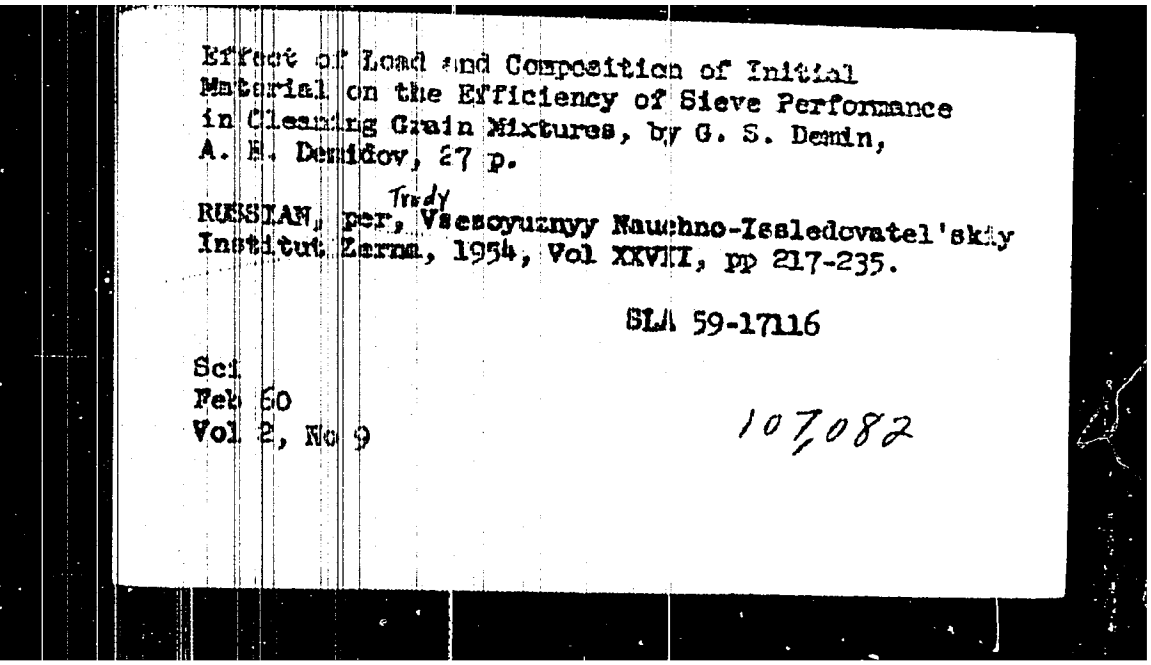
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Biological Control of Plant Diseases, by
N. S. Fedorinchik.
RUSSIAN, per, Tr Vses Nauch-Issled Inst Zashch Rast.,
No 23, 1964, pp 201-210.
*NTIS TT 71-51026

Dec 71

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7



Effect of Load and Composition of Initial Material on the Efficiency of Sieve Performance in Cleaning Grain Mixtures, by G. S. Demin, A. E. Denidov, 27 p.

RUSSIAN, per, Trudy Vsesoyuznyy Nauchno-Issledovatel'skiy Institut Zerna, 1954, Vol XXVII, pp 217-235.

SLA 59-17116

Sci
Feb 60
Vol 2, No 9

107,082

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Developing a Control Method for Insect Pests of Stored Grain With the Aid of Ionizing Radiation, by A. A. Peredel'skiy, L. Z. Rodionova, A. V. Bibergal', P. D. Rumiantsev, E. S. Pertsovskiy.

RUSSIAN, per, Trudy Vses Nauch-Issled Inst Zerna i Prod Ego Pererabotki, Vol XXXV, 1958, pp 28-42.
CIA 9075536

USDA

Sci - Biology
Apr 61

143,459

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Use of Polyploidy in the Breeding of Wheat in General, and in Particular for its Protein, by V. E. Pissarev.

RUSSIAN, per, Trudy Vses Nauch-Issled Inst Zerna i Prod Ego Pererabotki, Vol XXXV, 1958, pp 62-75.
CIA 9075537

USDA

Sci - Biology
Apr 61

143,460

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Endurance of Elements of Welded Bridge Constructions Under Variable and Reversible Stresses, by B. N. Dudkinskiy. UMCL

RUSSIAN, per, Trudy Vses Nauch-Issled Inst Zheleznodorozh Stroitel i Proektirovaniya, No 20 ,1956, pp 65-162.

DSIR LLU RTS 1184

(20s.)

Sci - Engr

May 60

116,619

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

Tyunova, N. A.
CONCERNING THE FRACTIONATION OF GLIADIN (K Voprosu o Fraktsionirovanii Gliadina). Aug 62 [13]p. 13 refs. RTS 2116.
Order from OTS on SLA $1.60 62-32491

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii Institut Zerna i Produktov Ego Pererabotki. Trudy (USSR) 1961, v. 41, p. 17-25.

DESCRIPTORS: *Fractionation, *Gliadins, Wheat, *Flour, Gluten, Proteins.

Analytical salting out of the alkali extract of wheat flour gluten proteins was carried out by the Zelenskii method. Gliadin was fractionated by maintaining alcohol solutions of it at low temperatures (5°). It was shown by the diffuse salting out method that the components which salt out most readily (to 1% of satura-
(Chemistry--Analytical, TT, v. 8, no. 10) (over)

62-32491

I. Tyunova, N. A.
II. RTS-2116
III. National Lending Library for Science and Technology (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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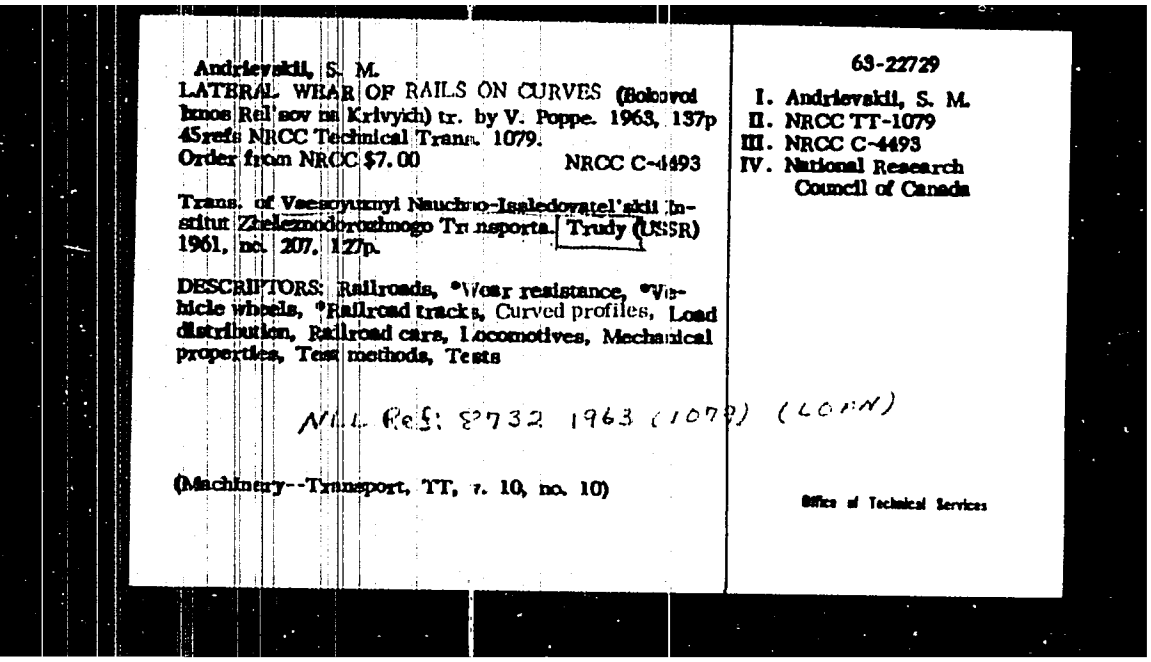

Andrievskii, S. M.
LATERAL WEAR OF RAILS ON CURVES (Bokovoi
iznos Rel'sov na Krivyich) tr. by V. Poppe. 1963, 137p
45refs NRCC Technical Trans. 1079.
Order from NRCC $7.00 NRCC C-4493

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii In-
stitut Zheleznodorozhnogo Transporta. Trudy (USSR)
1961, no. 207, 127p.

DESCRIPTORS: Railroads, *Wear resistance, *Ve-
hicle wheels, *Railroad tracks, Curved profiles, Load
distribution, Railroad cars, Locomotives, Mechanical
properties, Test methods, Tests

NRC Ref: 8732 1963 (1079) (LC#N)

(Machinery--Transport, TT, v. 10, no. 10)

63-22729

I. Andrievskii, S. M.
II. NRCC TT-1079
III. NRCC C-4493
IV. National Research
Council of Canada

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

The Friction Surface of Plastics Under Large Magnification, by Sh. M. Bilik and Yu. S. Yassen,
RUSSIAN, per, Tr. Vses. Nauchno-Issled. Inst. Zhelez. Transp., No 267, 1963,
pp 5-11,
TL 9022.S48 (1304)

Sci-Tech,
Apr 67 322,917

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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FTD-TT-62-1815

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Sci-Materials
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Sci/Tech 353.198

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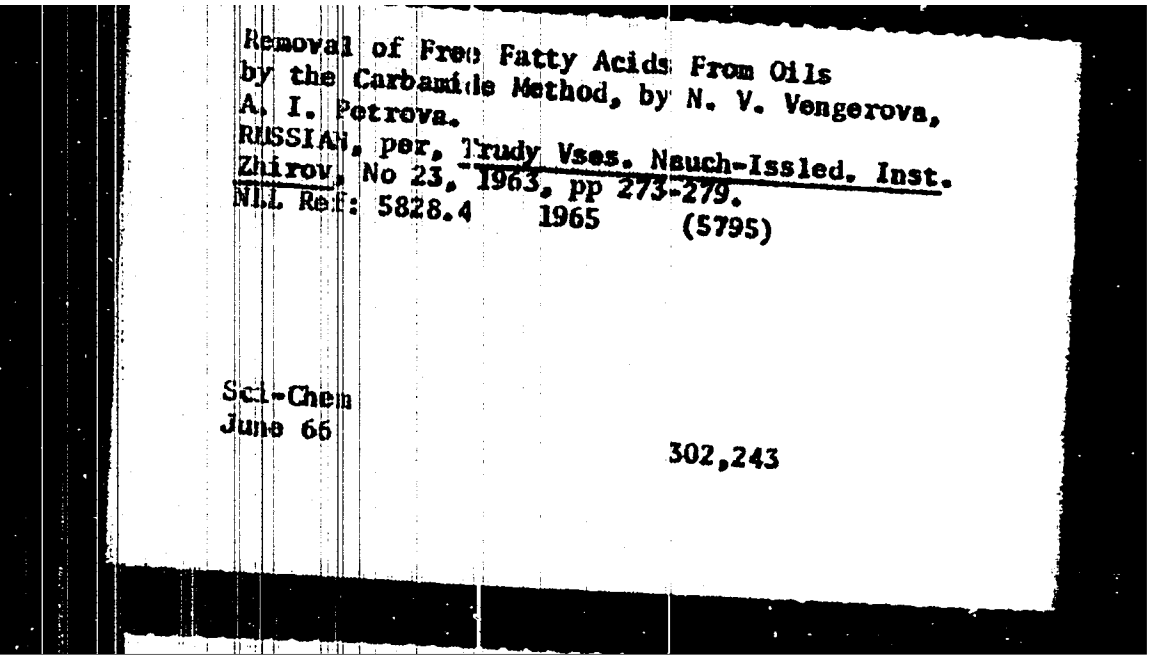

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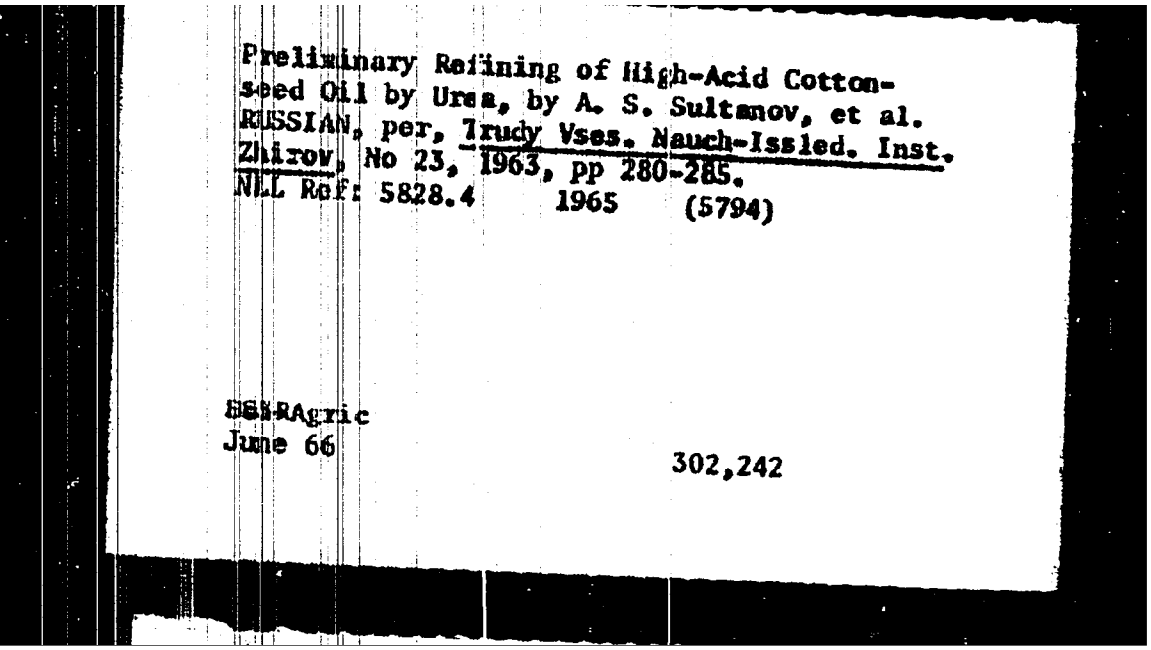

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SLA TT-64-19859

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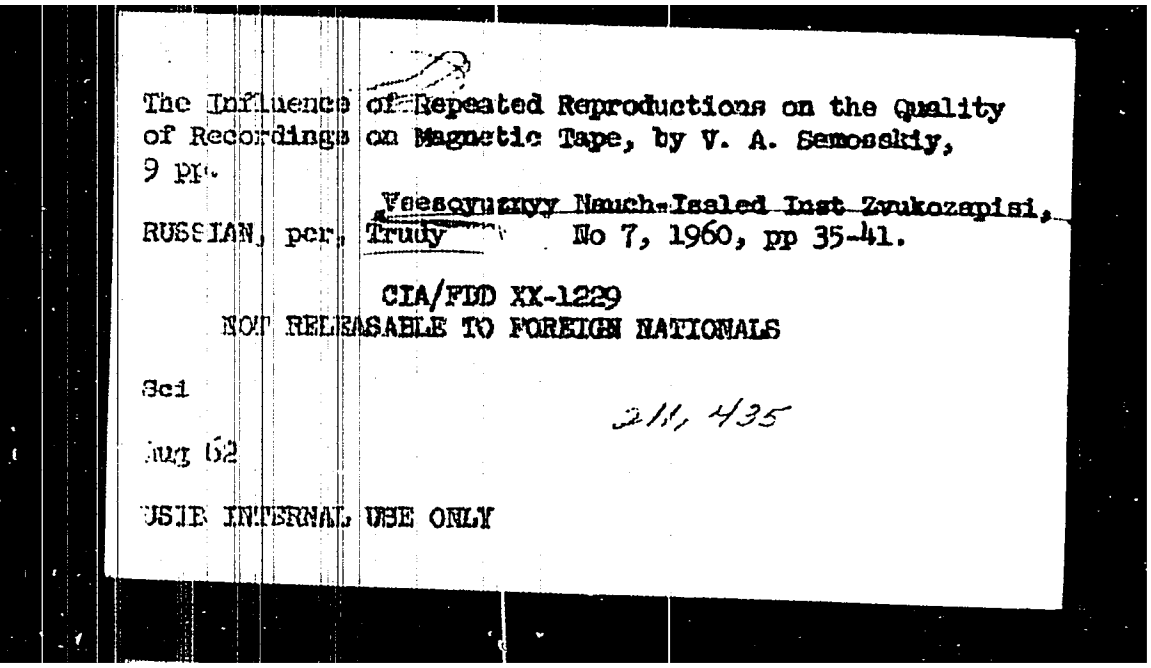

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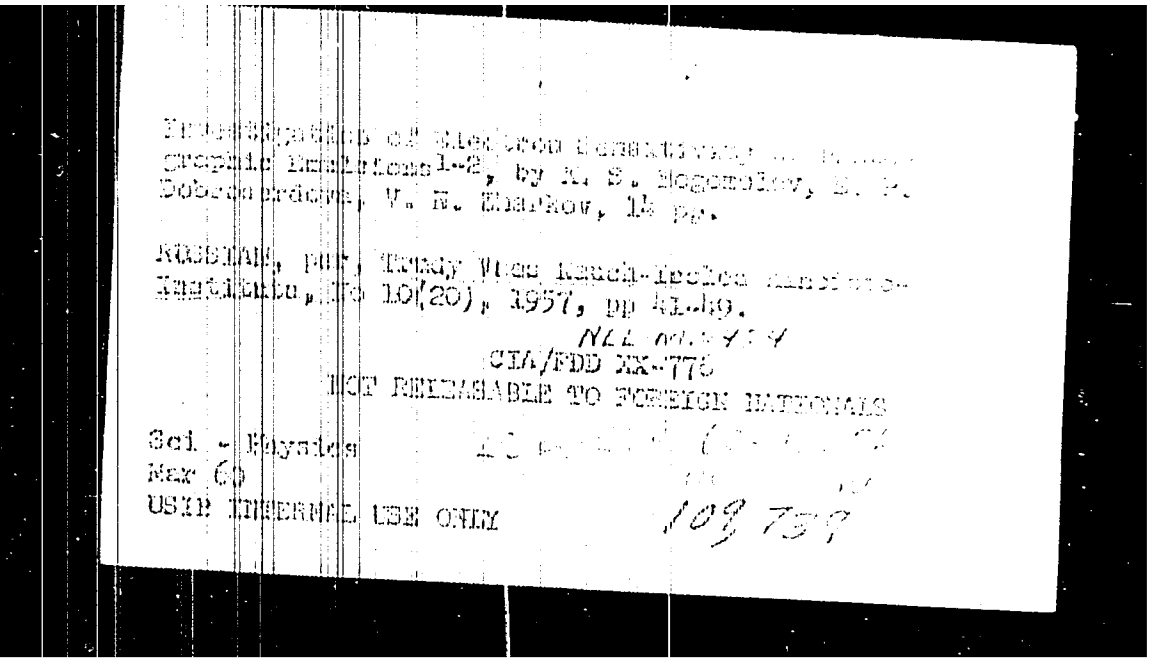

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NAVY [illegible]
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Sci - Physics
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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220004-7

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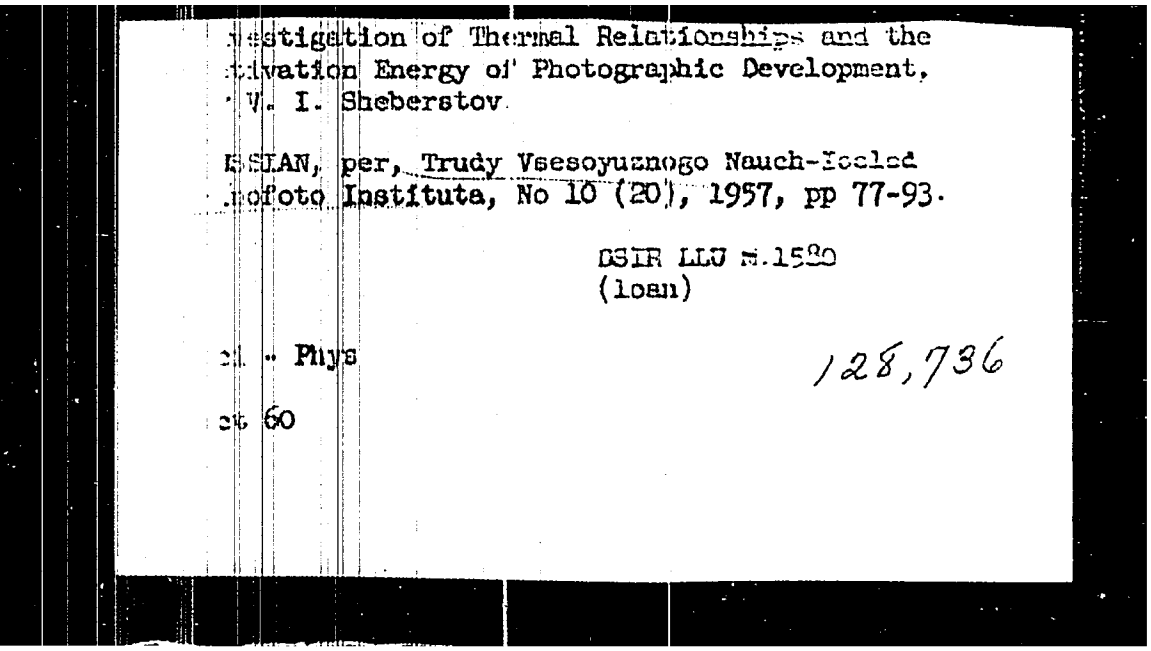

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128,736

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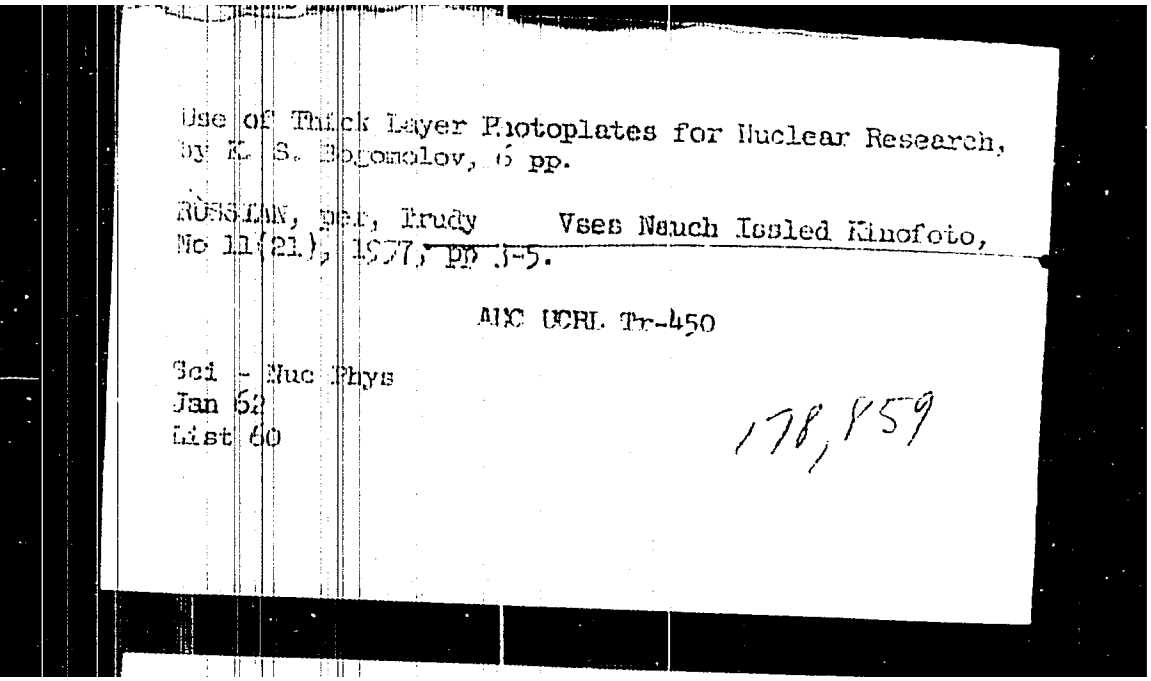

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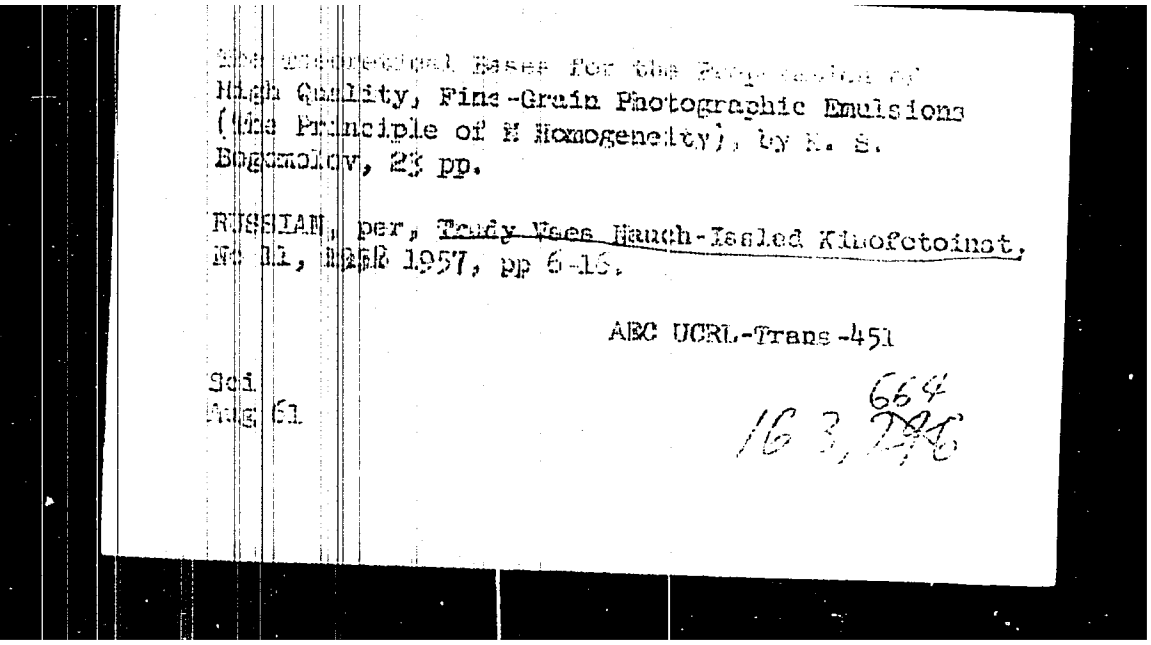

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Sci - Phys
Aug 61

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May 61

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NIKFI Photo Materials for Nuclear Studies of Types A-2, Ya-2 and K, by K. S. Bogomolov, A. A. Sirotinskaya, M. Yu. Deberdeyev, V. M. Uvarova, 22 pp.

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Sci - Phys
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Nuclear Photoplates of Types T-1, T-2, and T-3 for Discriminating Traces of Singly-Charged Particles and Alpha-Particles, by A. A. Sirotinskaya, K. A. Bogomolov, 15 pp.

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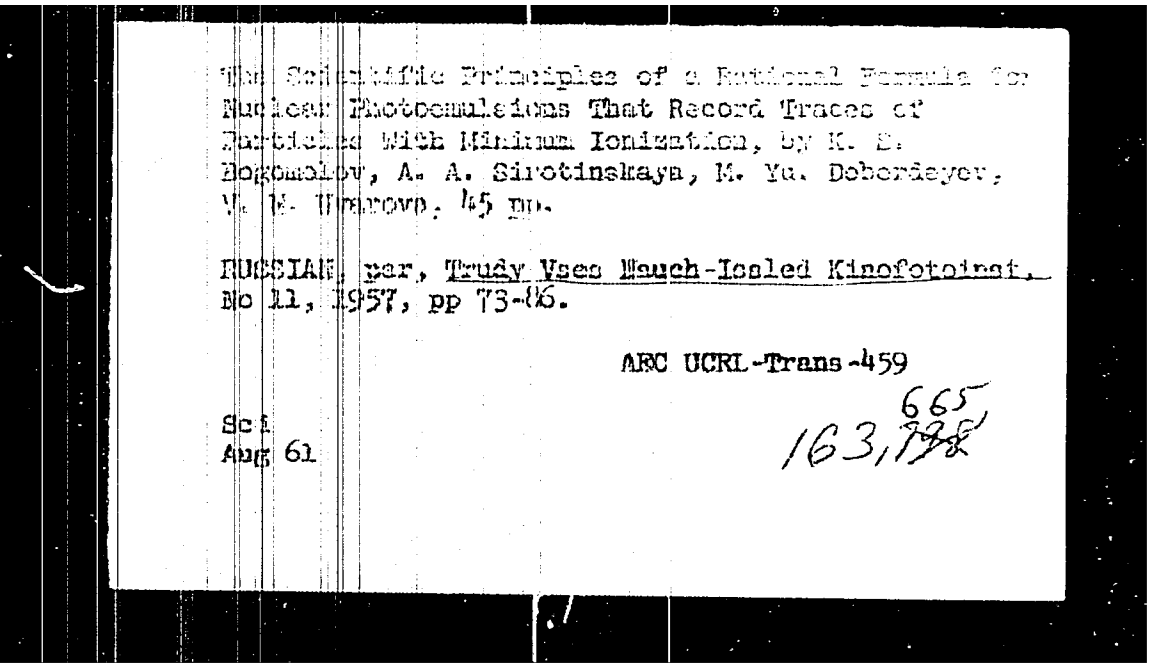

The Scientific Principles of a Rational Formula for Nuclear Photoemulsions That Record Traces of Particles With Minimum Ionization, by K. D. Bogomolov, A. A. Sirotinskaya, M. Yu. Doberdayev, V. N. Timofeyev. 45 pp.

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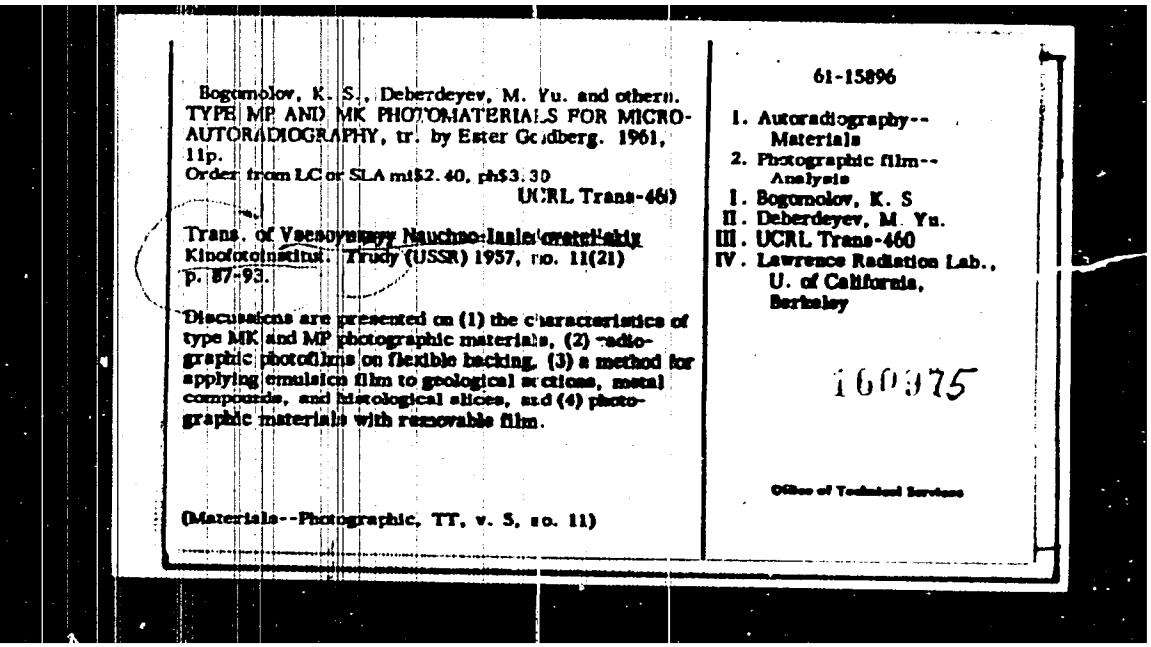

Bogomolov, K. S., Deberdeyev, M. Yu. and others. TYPE MP AND MK PHOTOMATERIALS FOR MICRO-AUTORADIOGRAPHY, tr. by Ester Goldberg. 1961, 11p.
Order from LC or SLA mi$2.40, ph$3.30
UCRL Trans-460)

Trans. of Vsesoyuznyy Nauchno-Issledovatel'skiy Kinofotoinstitut. Trudy (USSR) 1957, no. 11(21) p. 87-93.

Discussions are presented on (1) the characteristics of type MK and MP photographic materials, (2) radiographic photofilms on flexible backing, (3) a method for applying emulsion film to geological sections, metal compounds, and histological slices, and (4) photographic materials with removable film.

(Materials--Photographic, TT, v. 5, no. 11)

61-15896

1. Autoradiography--Materials
2. Photographic film--Analysis
I. Bogomolov, K. S
II. Deberdeyev, M. Yu.
III. UCRL Trans-460
IV. Lawrence Radiation Lab., U. of California, Berkeley

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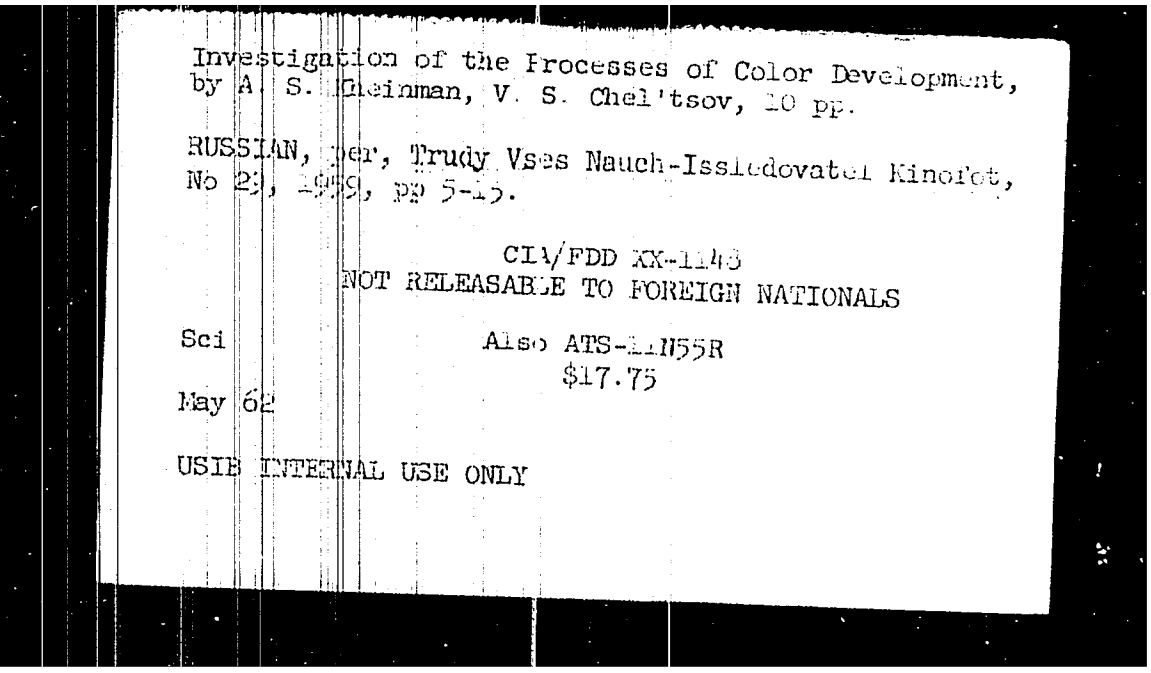

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CIA/FDD XX-1143
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$17.75

May 62

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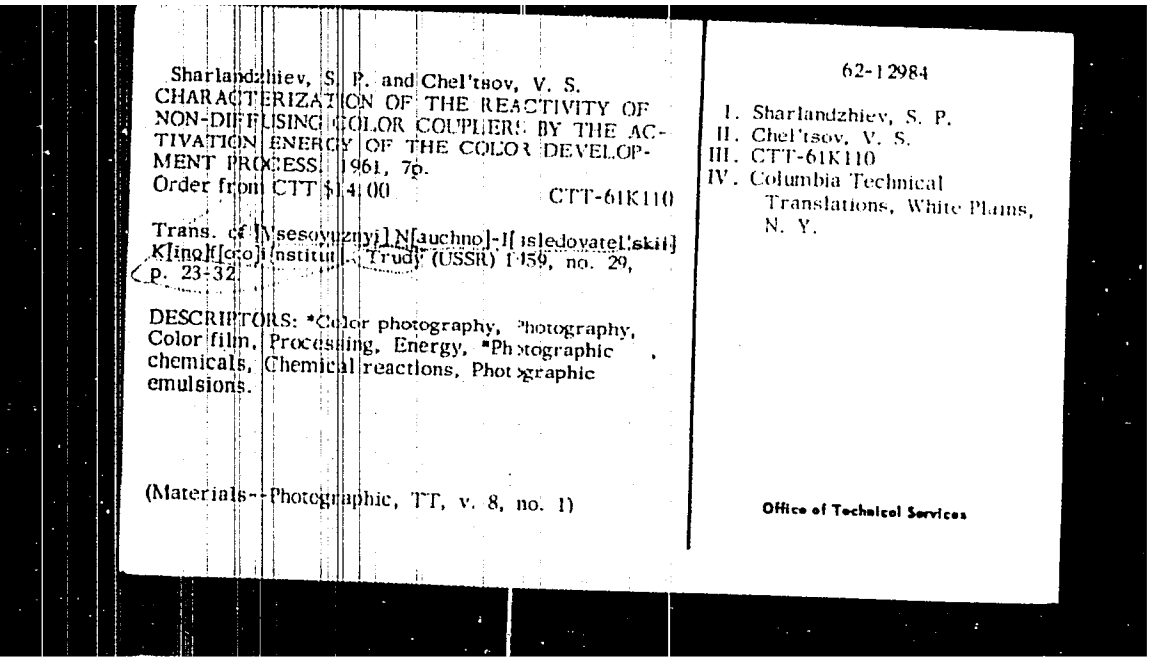

Sharlandzhiev, S. P. and Chel'tsov, V. S.
CHARACTERIZATION OF THE REACTIVITY OF NON-DIFFUSING COLOR COUPLERS BY THE ACTIVATION ENERGY OF THE COLOR DEVELOPMENT PROCESS. 1961, 7p.
Order from CTT $1.00 CTT-61K110

Trans. of [Vsesoyuznyi] N[auchno]-I[sledovatel'skii] K[ino]f[oto]i[nstitut] ... Trudy (USSR) 1959, no. 29, p. 23-32.

DESCRIPTORS: *Color photography, Photography, Color film, Processing, Energy, *Photographic chemicals, Chemical reactions, Photographic emulsions.

(Materials--Photographic, TT, v. 8, no. 1)

62-12984

I. Sharlandzhiev, S. P.
II. Chel'tsov, V. S.
III. CTT-61K110
IV. Columbia Technical Translations, White Plains, N. Y.

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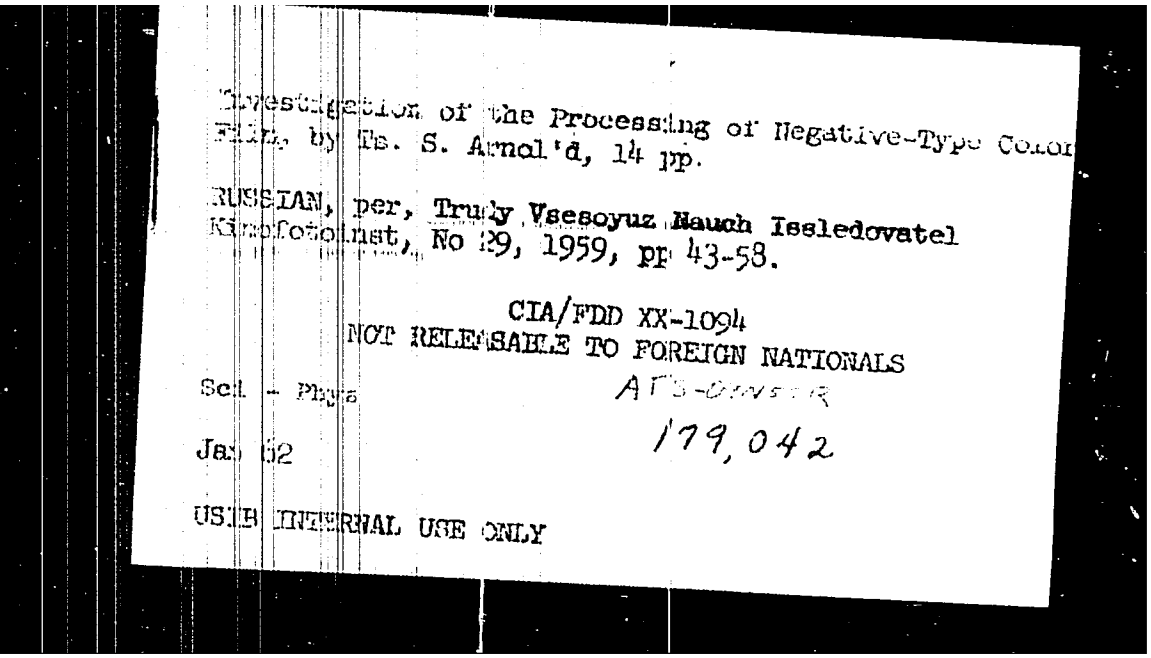

Investigation of the Processing of Negative-Type Color Film, by Ye. S. Arnol'd, 14 pp.

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CIA/FDD XX-1094
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Sci - Phys

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Jan 62

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Hypersensitization of Nuclear Photographic Emulsions
by K. S. Bogomolov, I. A. Ruditskaya, I. F. Razorenova
13 pp.

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CIA/FDD [illegible]-1093
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Jan 62

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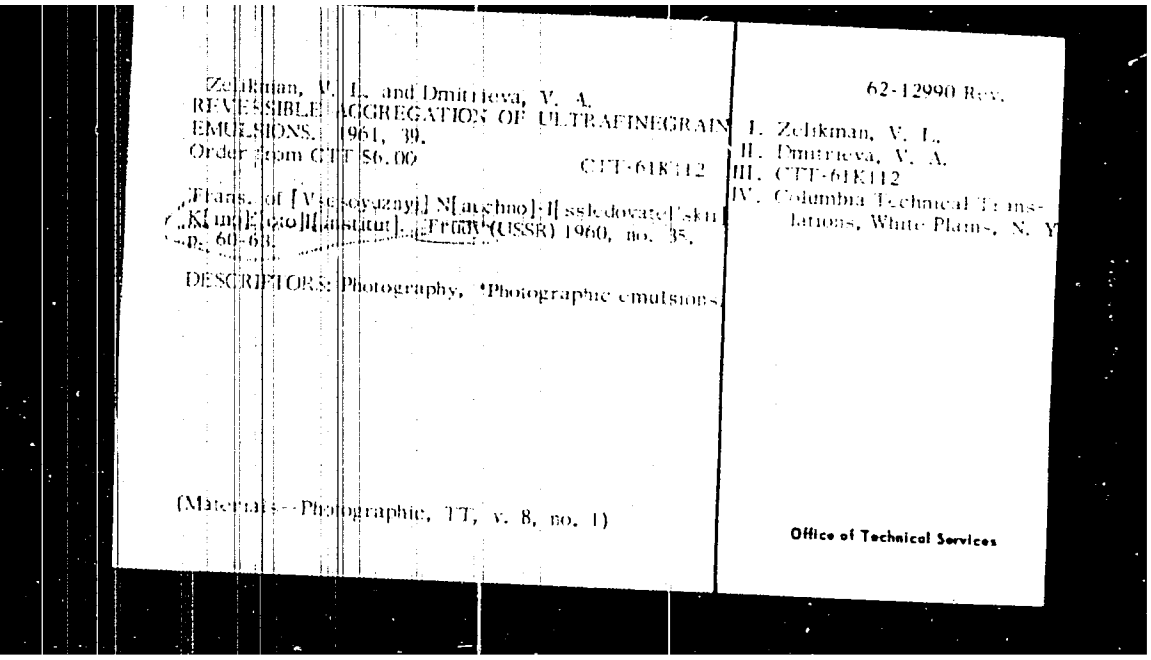

Zelikman, V. L. and Dmitrieva, V. A.
REVERSIBLE AGGREGATION OF ULTRAFINEGRAIN EMULSIONS. 1961. 39.
Order from CFT 56.00 CFT-61K112

Trans. of [Vsesoyuznyi] N[auchno]-I[ssledovatel'skii] K[inofo]t[ostitut]. Trudy (USSR) 1960, no. 35, p. 60-63.

DESCRIPTORS: Photography, *Photographic emulsions.

(Materials--Photographic, TT, v. 8, no. 1)

62-12990 Rev.

I. Zelikman, V. L.
II. Dmitrieva, V. A.
III. CFT-61K112
IV. Columbia Technical Translations, White Plains, N. Y.

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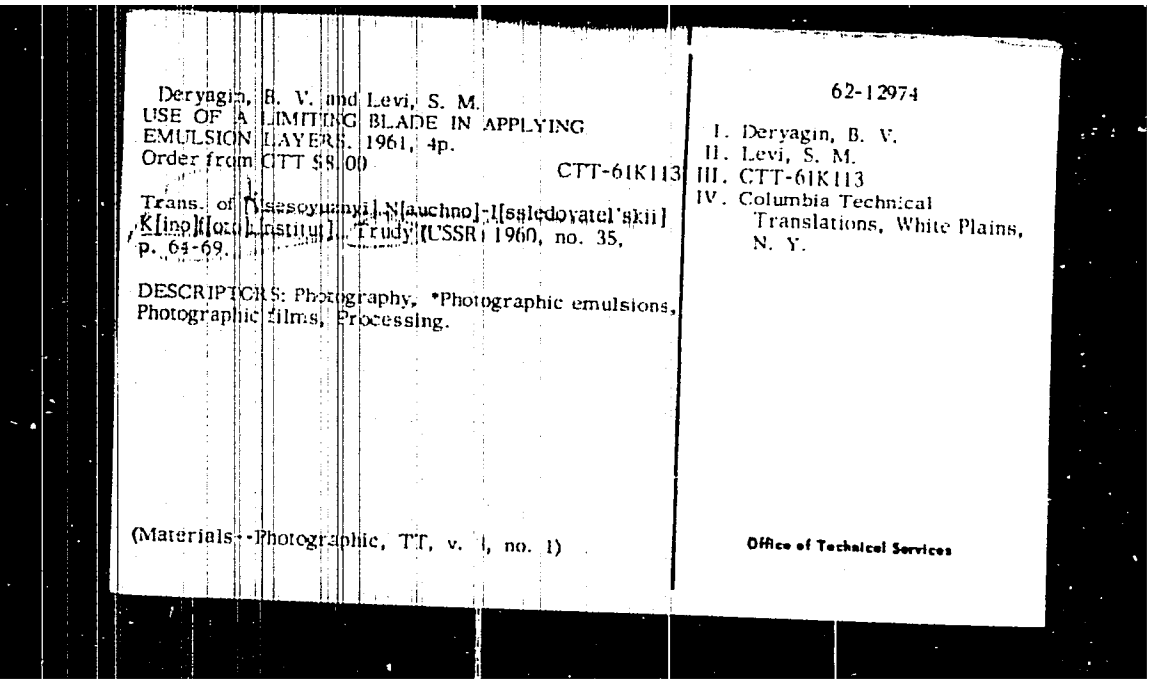

Deryagin, B. V. and Levi, S. M.
USE OF A LIMITING BLADE IN APPLYING EMULSION LAYERS. 1961, 4p.
Order from CTT $8.00 CTT-61K113

Trans. of [Issledovaniya] N[auchno]-I[sledovatel'skii] K[inofotoinstitut]. Trudy (USSR) 1960, no. 35, p. 64-69.

DESCRIPTORS: Photography, *Photographic emulsions, Photographic films, Processing.

(Materials--Photographic, TT, v. 1, no. 1)

62-12974

I. Deryagin, B. V.
II. Levi, S. M.
III. CTT-61K113
IV. Columbia Technical Translations, White Plains, N. Y.

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Liorber, B. G., Shchelkina, E. P. and others.
ON CERTAIN MESOCYANINE-CARBOCYANINE DERIVATIVES OF IMIDAZOLIN-4-ONE. 1961, 13p.
Order from CTT $2.6.00 CTT-61K120

Trans. of [Vsesoyuznyi] N[auchno]-I[ssledovatel'skii] K[inofoto] [nstitut]. (Trudy (USSR) 1960, no. 37, p. 5-16.

DESCRIPTORS: Dyes, Pigments, 'Cyanines, Imides, Azoles.

(Materials--Photographic, TT, v. 8, no. 1)

52-12981

I. Liorber, B. G.
II. Shchelkina, E. P.
III. CTT-61K120
IV. Columbia Technical Translations, White Plains, N. Y.

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Khaikin, M. S., Derstuganov G. V. and others.
THE DEVELOPING PROPERTIES OF SOME 4-AMINO-5-PYRAZOLONES AND THEIR DERIVATIVES. [1961] 10p.
Order from ATS $13.60 ATS-38N56R

Trans. of: Vsesoyuz[nyi] Nauch no]-Issledovatel[' skii] Kinofotoinst[itut]. Trudy (USSR) 1960, no. 37, p.17-26.

DESCRIPTORS: *Amines, *Pyrazolones, *Pyrazolone derivatives, *Photographic chemicals, Chemicals, Physical properties.

(Materials--Photographic, TT. v. 7, no. 3)

62-12166

I. Khaikin, M. S.
II. Derstuganov, G. V.
III. ATS-38N56R
IV. Associated Technical Services, Inc., East Orange, N. J.

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Meiklyar, P. V., Rizaeva, I. S., and Ignat'eva, Z. P.
REDUCTION OF SILVER HALIDE IN THE PROCESS OF PREPARATION OF EMULSIONS. 1961, 6p.
Order from CTTS 0.00 CTT-61K119

Trans. of [Vsesoyuzny[i] N[auchno]-[is]ledovatel'skii] K[ino]f[oto]i[nstitut]. Trudy (USSR) 1960, no. 37, p. 50-57.

DESCRIPTORS: *Photographic emulsions, Preparation, *Silver compounds, *Halides, Reduction.

(Materials--Photographic, TT, v. 8, no. 1)

62-12982

I. Meiklyar, P. V.
II. Rizaeva, I. S.
III. Ignat'eva, Z. P.
IV. CTT-61K119
V. Columbia Technical Translations, White Plains, N. Y.

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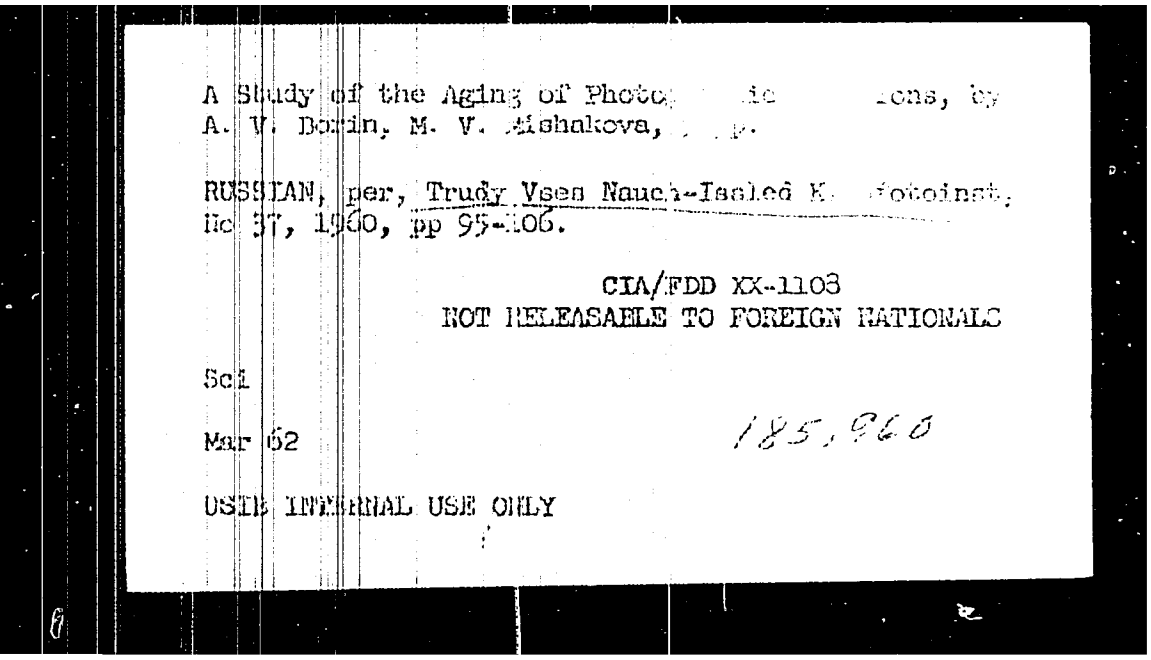

A Study of the Aging of Photo ie ions, by
A. V. Borin, M. V. Mishakova, p.

RUSSIAN, per, Trudy Vsen Nauch-Issled K. fotoinst,
No 37, 1960, pp 95-106.

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